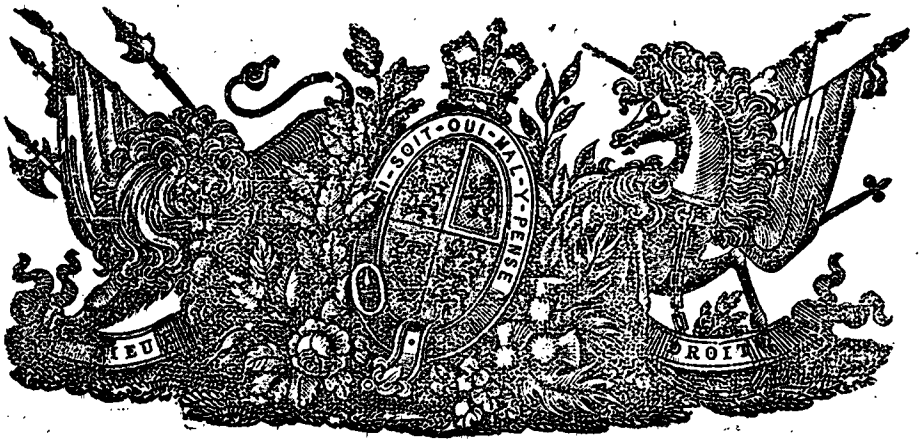

ADMINISTRATION REPORT OF CIVIL WORKS

OF THE

PUBLIC WORKS DEPARTMENT

(GENERAL BRANCH),

BOMBAY PRESIDENCY,

FOR THE YEAR

1895-96.

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ADMINISTRATION REPORT OF CIVIL WORKS

OF THE

PUBLIC WORKS DEPARTMENT,

FOR THE YEAR 1895-96.

GENERAL REMARKS.

1. The total expenditure of the year on Civil Works was Rs. 58,16,130, as below :—

			Rs.	Rs.
Outlay in India.				
Imperial			... 2,16,479	
Suspense			... —2	
				2,16,477
Provincial			... 33,89,513	
Suspense			... 1,801	
				33,91,314
Contributions.	Provincial inclusive of suspense		... 3,39,520	
	Excluded Local Funds do.		... 3,83,104	
				7,22,624
Incorporated Local Funds ...			... 14,84,992	
Suspense			... —1,674	
				14,83,318
				58,13,733
Add—				
Outlay in England... ...			... 1,362	
Loss by Exchange... ...			... 1,035	
				2,397
	Grand Total		... ...	58,16,130

2. In round figures the expenditure on New Works was 26 lákhs; on Repairs about 20 lakhs; on Establishment 11⅓ lakhs; and on Tools and Plant ¾ lákhs.

3. Under Imperial Services, *Forest*, an office and quarters for the subordinate at Mángaon was completed.

4. Under *Customs*, the additions and alterations to the Town Customs House, Bombay, were completed; also the Customs Preventive Officers' quarters at Keamari, Karáchi.

5. Under the head *Salt*, Sir-kárkúns' kacheris were in progress at Khárághoda, Rái-Murdha, and Dodamarg. Residential quarters for Inspectors were in progress at Dhandhuka, Hunkon, Banda, Saturte, and Dodamarg, and for Sir-kárkúns and their establishment at Rái-Murdha and Malekhind. A pier, preventive office and weighing-shed at Sanikatta were completed; and a second godown for the Salt Depôt at Sukkur nearly so.

6. Under *Post Offices*, additions and alterations to the old jail at Ahmedabad, to convert a portion of it into a Post Office, were in progress.

7. On the *Somáli Coast*, the principal works were the Residency and Court-house at Zaila, a dispensary at Bulhar, and the pier at Berbera, the latter of which was completed.

8. Under *Provincial Services*, the progress was as follows:—

9. Under *Provincial Land Revenue Buildings*, new Mámlatdárs' Kacheris were in progress at Jambusar, Olpád, Sirur, Yával, Ráver, Ránebennur, Ankola, Alibág, and Karád; and were completed at Chikhli, Mátar, Nevása, Sinnar,

Shirpur, Háveri, and at Dahivádi. Additions and alterations to the existing Kacheris at Sásvad, Malsiras, and Chikodi were in progress or completed.

10. New Mahálkaris' Kacheris were completed at Guhágar and Mahábleshvar.

11. Accommodation for Survey Records was completed at Poona, Ahmednagar, Dhulia, and at Sátára; and was in progress at Násik.

12. A record-room for the Collector's office at Karáchi, and additions and alterations to the Collector's office at Alibág were completed. The work of converting a portion of the jail at Surat into Public offices was in progress and half of it was finished, and the completed portion was occupied. A bungalow for the residence of the Assistant Collector at Kaira was nearly completed; and also a new District Bungalow at Navra.

13. Buildings for an Experimental Farm at Surat were commenced and are in progress.

14. Under *Excise* buildings, the new Distillery at Godhra, and improvements to the existing Distillery at Kotri were in progress; and additions to the existing Distillery at Mundhwa were completed.

15. At Government House, Malabár Point, the lighting was improved by the introduction of incandescent gas lights, and five rooms were added to the Telegraph building. The drainage of the Government House, Ganesh Khind, was improved.

16. Under *Political Agencies*, the Record and Opium Rooms at Pálanpur were completed; and re-roofing of the Residency at Baroda was in progress.

17. Under the head *Educational*, under buildings classed as Provincial, at Poona, at the Deccan College, quarters for 32 students were completed, and a Debating Theatre and Library commenced; at Dhárwár the additions to the Training College were in progress. Of High Schools, the Ráo Bahádur Govindrao Ramchandra Garud High School at Dhulia, the Maháráshtra Female High School at Poona, and the Metharan Hall of the High School at Hyderabad were completed, as also the upper-storey to the Narayen Jagannath High School at Karáchi; the Telang High School at Godhra was commenced; and additions and alterations to the Byramji Jeejeebhoy High School at Thána were in progress.

18. Under private buildings assisted by a Government grant-in-aid, at Bombay, the new Cathedral High School for boys was completed; and quarters for 48 additional students at the Wilson College were in progress. At Ahmedabad, the buildings for the Guzarát College, and a project for water-supply to that institution, were in progress. At Poona, the school for girls of the Church of Scotland Zenana Mission, and the additions and alterations to the St. Joseph's Convent School were completed.

19. Of private buildings undertaken wholly from contributions, at Poona, the Refectory and Dormitory for St. Michael's School, and the Dormitory for St. Mary's School were completed; and a Parsonage, Divinity School, and quarters for students, for the Church Missionary Society, were commenced.

20. Numerous Local Fund and Municipal School-houses were in progress or completed during the year, the most important of which were the Vernacular School-house for 600 boys at Dhulia, and the Female Training College at Hyderabad, both of which were completed. An assembly room was added to the Training College for boys; and quarters for students at the Agricultural School, at the Model Farm at Hyderabad, were completed.

21. Under *Ecclesiastical*, at Poona, the Scottish Presbyterian Church (St. Andrew's) was nearly completed; and the Campanile for the Church of the Holy Name, belonging to the Society of St. John the Evangelist, was in progress.

22. Under *Law and Justice*, at Broach, a building for the Small Cause Court was in progress, and the building for the Small Cause Court at Poona was completed. New Subordinate Judges' Court-houses were completed at Kalyan,

Poona, Ratnágiri, and Pátan; and were commenced at Bándra and Viramgám. Additions and alterations to the existing Court-house at Nadiád were completed, and those to the Adalat buildings at Ratnágiri were in progress.

23. Under *Jails*, at Ahmedabad, the Deputy Jailor's quarters at the District Central Jail were in progress; and also increased accommodation was under provision at the Reformatory for Boys at Yerauda, Poona. At Hyderabad, at the new Central Prison for Sind, which was completed and occupied last year, the principal work in hand was in connection with the water-supply. At Surat, the work of converting a portion of the old jail into a subordinate jail was completed.

24. Under the head *Police*, buildings were in progress or completed at various stations throughout the Presidency, the most important being the Head-quarter Police Offices and Lines on the Esplanade, Bombay, the estimate for which is Rs. 3,05,746, and which are fast approaching completion; and the City Police Lines at Poona, estimated to cost Rs. 78,174, of which 15 out of 18 blocks are nearly completed, and the others are well advanced.

25. Under *Medical*, the Morarbhái Vrijbukandás Hospital for Women and Children at Surat, the entire cost of which was contributed by the widow of the late Mr. Morarji Vrijbukandás, was nearly completed; and the new Civil Hospital and Medical School at Hyderabad was finally completed. Additions and alterations were made to the Jamsetjee Jeejeebhoy, Bái Motlibái, and Sir Dinshaw Maneckji Petit Hospitals, and the Lazeretto at Siwri, Bombay; and to the Civil Hospitals at Thána, Surat, Sholápur, Kaira and Karáchi. A new Veterinary Hospital, the whole cost of which has been contributed by Sir Dinshaw Maneckji Petit, was commenced at Ahmedabad; and a new Veterinary Local Funds Dispensary at Dhulia. The drainage of the Sassoon Hospital at Poona was commenced. New Local Fund Dispensaries, and additions and alterations to others were in progress or completed at various stations during the year.

26. The Narotamdás Madhowdás Lunatic Asylum at Nowpáda, in the Thána Collectorate, made good progress during the year; and additions and alterations to the Lunatic Asylum at Dhárwár were taken in hand.

27. Under *Miscellaneous*, the wing to the Public Works Building at Bombay was completed, and the drainage and latrine accommodation of the old portion of the building, being defective, was improved. At the Colába Observatory, a fire-proof record-room was constructed. An office and a residence for the Executive Engineer, Khándesh, at Dhulia, were in progress; and additions were made to the Photozincographic Office at Poona.

28. The gross outlay on original works under the head *Communications*, from Provincial and Local Funds and from Contributions, amounted to $6\frac{2}{3}$ lákhs. The amount has been principally spent on the completion or continuation and commencement of new communications, on improving and metalling existing roads, and constructing various bridges, details of which will be found in the report. The most important of the latter were the new masonry bridge over the River Mulla at Dápuri named the "Harris Bridge," which was completed; and the new masonry bridge across the Godávari river at Násik for the Municipality, which was in progress, and will, it is hoped, be finished early in 1897.

29. Under the head *Miscellaneous Public Improvements*, the gross outlay on original works was $2\frac{3}{4}$ lákhs, chiefly on works of Municipal and Local Funds water-supply and drainage. Of the former the most important were the Surat and Ránder water works, lately commenced, estimated to cost Rs. 9,63,828; the Dhulia water works, estimated to cost Rs. 4,16,899; the Hubli water works, the estimate for which amounts to Rs. 4,87,871; and the Panvel water works, estimated to cost Rs. 1,10,831. The works at Dhulia, Hubli and Panvel have been practically completed.

30. Of Drainage projects, at Ahmedabad, the experimental portion of Mr. Baldwin Latham's Sewerage project, estimated to cost Rs. 1,04,563, was in progress; a project for the drainage of the town of Násik was commenced; the drainage round the town of Nadiád was completed. Schemes were also under consideration for the towns of Dhulia and Hubli.

31. Of Miscellaneous works, the strengthening of the dry rubble stone pitching and crib-work of the foreshore at Back Bay, Bombay, was continued; the works for protecting the City of Surat from the floods of the Tápti River were completed, with the exception of the Gastipura section; and two new groynes on the left bank of the River, having the same object in view, were also completed, and with the two groynes on the right bank, constructed in the previous year, have so far proved successful. A protective bund round the town of Kotri, to protect it from the Indus floods, was commenced.

32. The actual cost of *Establishments* of all classes in 1895-96 was Rs. 20,20,515, as compared with—

Rs.
20,01,062 in 1894-95,
and
19,26,203 in 1893-94.

33. The following table shows the distribution of the charges in each year from 1892-93:—

Head of Service.	1892-93.	1893-94.	1894-95.	1895-96.
Imperial.	Rs.	Rs.	Rs.	Rs.
Military	29,855	32,887	24,073	35,345
Barrack Department	9,923	10,469	8,790	7,647
Civil Works	47,313	52,388	23,056	36,082
Irrigation	6,17,415	7,26,819	8,33,121	8,40,598
Total, Imperial ...	7,04,506	8,22,563	8,89,040	9,19,672
Provincial.				
Civil Works	9,27,391	9,43,473	9,48,212	9,08,597
Irrigation	1,946	1,656	2,626	4,475
Total, Provincial ...	9,29,337	9,45,129	9,50,838	9,13,072
Local Funds.				
Incorporated	1,39,894	1,27,587	1,39,246	1,47,064
Excluded	45,091	30,924	21,938	40,707
Total, Local Funds ...	1,84,985	1,58,511	1,61,184	1,87,771
Grand Total ...	18,18,828	19,26,203	20,01,062	20,20,515

34. The total outlay, including suspense heads, under all heads, including Irrigation, was as follows:—

		Rs.	Rs.
Military	Works and Repairs ...	1,71,346	2,16,599
	Establishment	42,992	
	Tools and Plant	2,261	
Imperial, Provincial and Local Civil Works.	Works and Repairs ...	46,06,096	58,13,733
	Establishment	11,32,450	
	Tools and Plant	75,187	
Irrigation	Works and Repairs ...	29,38,741	38,42,591
	Establishment	8,45,073	
	Tools and Plant	58,777	
Expenditure on stores received from England			28,661
			99,01,584

Of this amount, Rs. 77,34,978, excluding suspense heads, were expended on works and repairs distributed as under:—

	Rs.
Military Works	1,84,134
Civil „	46,07,430
Irrigation „	29,43,414
Total ...	77,34,978

The total charge for Establishment being Rs. 20,20,515, as detailed in paragraph 33, gives a percentage of 26 on the actual outlay of Rs. 77,34,978, as compared with 29·03 in 1894-95.

Omitting Irrigation establishment and outlay (which must be disregarded unless the revenue is also taken into account), and Barrack Department outlay, the comparison stands thus:—

	Rs.
Outlay on Works and Repairs	47,79,275
Cost of Establishment	11,67,795
Percentage	24·43

The percentage in 1894-95 was 27·39, and 28·13 in 1893-94.

35. For facility of comparison the following statement is given, showing the outlay on Works and Repairs by Executive Divisions during the year:—

Divisions.	Executive Charges.	Area in Square Miles.	Outlay on Works and Repairs, 1895-96.						
			Provincial.		Local.	Imperial.			Total.
			Civil Works, including Contributions.	Irrigation.		Military, including Contributions.	Civil Works, including Contributions.	Irrigation, including Contributions.	
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Superintending Engineer, Northern Division.	Executive Engineer, Presidency	..	4,55,673	..	..	..	14,951	..	4,70,624
	Do. Ahmedabad (including Bhúj)	3,854	1,43,580	..	92,836	63,925	32,541	23,965	3,56,847
	Do. Surat and Broach ..	3,115	1,17,462	..	1,82,662	1,538	2,977	30,222	3,34,861
	Do. Kaira and Panch Mahâls.	3,570	87,002	..	1,54,693	3,846	8,215	945	2,54,701
	Do. Thána	4,242	1,35,505	..	1,00,770	1,524	11,307	..	2,49,105
	Total ..	14,781	9,39,222	..	5,30,961	70,833	69,991	55,132	16,66,139
Chief Engineer, Central Division.	Executive Engineer, Poona District	5,347	3,96,309	..	49,855	26,639	3,251	..	4,76,054
	Do. Poona Irrigation		2,513	..	116	9,394	..	1,03,259	1,15,282
	Do. Nasik	5,940	99,495	..	1,65,146	..	1,696	11,238	2,77,575
	Do. Ahmednagar	6,666	77,849	..	78,628	57,956	472	7,850	2,22,765
	Do. Khándesh	11,987	2,80,990	..	3,14,446	3,716	3,637	..	5,52,789
	Do. Khándesh Irrigation ..		...	..	2,340	..	..	48,574	50,914
	Do. Sholápur	4,521	62,607	..	37,108	94	987	11,972	1,12,768
	Total ..	34,461	8,69,763	..	6,47,649	97,799	10,043	1,82,893	18,08,147
Superintending Engineer, Southern Division.	Executive Engineer, Sátára	4,987	1,34,442	..	89,196	14,708	1,699	24,957	2,65,002
	Do. Bijápur	5,757	44,617	..	85,406	..	355	566	1,30,944
	Do. Belgaum	4,656	97,078	16,499	70,134	48	2,289	1,831	1,87,879
	Do. Dhárwár	4,534	1,44,346	..	72,890	645	4,693	..	2,22,574
	Do. Dhárwár Irrigation ..		...	..	11,448	..	..	45,852	57,300
	Do. Kánara	3,910	1,38,414	..	22,324	..	6,496	..	1,67,234
	Do. Ratnágiri and Kolába ..	5,418	1,63,008	..	40,959	101	28,639	161	2,32,871
	Total ..	29,262	7,21,905	16,499	3,92,357	15,502	44,171	73,370	12,63,804
Indus Left Bank	Executive Engineer, Eastern Nára	3,500	5,354	..	5,402	..	309	1,26,602	1,37,668
	Do. Fuleli Canals	3,387	32,692	..	47,687	..	884	2,94,197	3,75,460
	Do. Hyderabad Canals ..	5,660	15,340	..	7,137	..	233	1,60,323	1,83,033
	Do. Jamrao Canals, 1st District	..	..	..	..	..	..	5,81,004	5,81,004
	Do. do. 2nd do. ..	..	..	..	..	..	..	2,13,814	2,13,814
	Do. do. 3rd do. ..	..	..	..	..	..	..	..	..
	Total ..	..	53,386	..	60,226	..	1,426	13,75,941	14,90,979
Indus Right Bank.	Executive Engineer, Karáchi Canals	6,865	1,07,822	..	20,382	..	3,243	3,77,113	5,08,560
	Do. Ghár Canals	1,912	9,478	..	..	..	79	1,75,212	1,84,769
	Do. Western Nára	2,500	7,929	..	3,073	..	172	2,60,054	2,71,168
	Do. Begári Canals	2,514	7,390	..	..	..	393	3,24,897	3,32,680
	Do. Shikárpur Canals	5,424	35,021	..	2,546	..	8,345	98,697	1,44,609
	Total ..	31,767	1,67,640	..	26,001	..	12,172	12,35,973	14,41,786
Chief Engineer, Bombay Command, Military Works Department.	Executive Engineer, Aden	..	13,383	..	..	..	39,428	..	52,811
	Total ..	..	..	..	..	..	..	..	..
	Add—Outlay by Civil Officers	..	4,544	..	..	..	3,162	3,600	11,312
	Grand Total ..	..	27,69,843	16,499	16,57,194	1,84,131	1,80,393	29,26,915	77,34,978

36. Under the orders passed in Government Resolution No. 487 E.—2130, dated 22nd December 1891, the cost of Works Establishments by districts is shown in Appendix C., and the reasons why the percentages are lower in some districts than in others are principally that, when works are chiefly or largely executed by contract, the expenditure on establishment and consequent percentages are lower, and that whereas in certain sub-divisions there is large concentrated expenditure, in others a small expenditure is scattered over a large area.

37. The *Revenue* realised in the Public Works Department, as compared with the previous two years, was as follows :—

	1893-94.	1894-95.	1895-96.
Imperial.			
	Rs.	Rs.	Rs.
XXXI.—Military Works	24,079	11,365	12,053
XXIX.—Irrigation Major Works	5,14,581	5,14,910	5,76,605
XXV.—Irrigation Minor Works and Navigation ...	2,21,831	2,12,981	2,28,127
Provincial.			
XXXII.—Civil Works	8,41,015	8,85,014	8,69,993
XXX.—Irrigation Works	30,646	16,780	23,023
Grand Total ...	16,32,152	16,41,080	17,09,801

38. The *Toll* revenues, including receipts under the Highway Act, in the three years were :—

	Rs.
1893-94	6,67,236
1894-95	6,91,700
1895-96	6,73,855

39. Details of the principal works in progress, or completed during the year, will be found under the several heads and sub-heads.

I.—CIVIL BUILDINGS.

1.—IMPERIAL SERVICES.

40. The expenditure under this head was Rs. 2,18,874, subdivided as follows :—

	Rs.
Original Works	1,14,584
Repairs	65,809
Establishment	36,082
Tools and Plant	2,401
Suspense	—2
	2,18,874

And the works carried out were as follows :—

1.—FOREST.

41. A building for use as an office and quarters for the Forest subordinate at Mángaon, in the Kolába Collectorate, commenced in the past year, was completed for Rs. 4,000, against the estimate of Rs. 4,001, of which Rs. 2,800 were expended during the year.

2.—CUSTOMS.

42. At Bombay, the additions and alterations, with a view to increasing the accommodation at the Town Customs House, described in the last report, were completed at a total cost of Rs. 48,613, of which Rs. 9,839 were expended during the year; improved latrine accommodation was provided at an outlay of Rs. 3,714, against the estimate of Rs. 3,717, and further additions and alterations to buildings, and improvements to the existing drainage system, have been carried out, which cost Rs. 3,814, against the estimate of Rs. 3,900.

43. At Karáchi, the Customs Preventive Officers' quarters at Keamari, commenced in the previous year, were completed at an outlay of Rs. 41,432, the amount of the estimate.

3.—SALT.

44. **Tha'na District.**—Additions and alterations were made to the Sir-kárkún's office at Trombay, at a cost of Rs. 2,905, the amount of the estimate; and the Sir-kárkún's Kacheri, and peons' lines, at Rai Murdha were commenced, and Rs. 4,972 spent, against the estimate of Rs. 18,405.

45. **Ahmedabad District.**—A bungalow for the Inspector of Salt Revenue at Dhandhuka, estimated to cost Rs. 6,420, was in progress, and Rs. 2,862 were spent; also a Sir-kárkún's Kacheri at Khárághoda, on which Rs. 4,458 were expended, against the estimate of Rs. 6,557.

46. **Ka'nara District.**—In the Kánara Collectorate, the work of constructing a pier, preventive office, and weighing-shed at Sanikatta, commenced in 1890-91, was completed during the year at a cost of Rs. 14,213, against the estimate of Rs. 14,626; and a bungalow, with out-houses, for the Salt Inspector at Hunkon was commenced, and Rs. 4,408 expended, against the estimate of Rs. 6,645.

47. **Dha'rwa'r District.**—The work of glazing the verandahs, and laying down asphalt flooring to the kárkúns' and peons' quarters, and the Assistant Collector's office at Castle Rock, on the Southern Marátha Railway, was completed during the year at a cost of Rs. 3,217, against the estimate of Rs. 3,212.

48. **Ratna'giri and Kola'ba District.**—In the Ratnágiri District, quarters for Salt Inspectors at Banda, Saturde and Dodamarg, on the Goa and Sávantvádi frontiers, were commenced during the year, and Rs. 4,517, Rs. 4,722, and Rs. 4,329 expended, respectively, against the sanctioned estimates of Rs. 6,172, Rs. 6,333, and Rs. 5,953; and the Sir-kárkún's Kacheri at Dodamarg was also commenced, and Rs. 3,072 expended against the estimate of Rs. 5,542.

49. In the Kolába Collectorate, quarters for the Sir-kárkún and his establishment at Málekhind were commenced, and Rs. 8,487 spent, against the estimate of Rs. 10,933.

50. **Shika'rpur Canals District.**—At Sukkur, a second godown for the Salt depôt was commenced, and nearly completed, the outlay during the year being Rs. 7,300, against the estimate of Rs. 8,357.

4.—POST OFFICES.

51. At Ahmedabad, additions and alterations to a portion of the old jail, to convert it into a Post Office, have been in progress, and Rs. 2,254 spent, against the estimate of Rs. 5,486.

SOMALI COAST WORKS.

52. The grant for works and repairs on the Somali Coast for the year was Rs. 43,108, and the principal works in progress were the Residency and Court-house at Zaila, on which, respectively, Rs. 21,340 and Rs. 3,629 were expended during the year. The former building is of "coral stone," and consists of six large rooms and four smaller ones, and it is expected will be completed by the end of June 1896; the completion of the latter building has been delayed on account of the non-arrival of iron girders for the main roof, indented for from England. The other works were a dispensary at Bulhar, which is practically completed, with the exception of the roof, and on which the outlay of the year was Rs. 1,154; and the Pier at Berbera, which has been in progress since January 1894, was completed during the year at a total outlay of Rs. 35,829, of which Rs. 5,451 were expended during the year.

II.—PROVINCIAL SERVICES.

53. The expenditure from Provincial and Local Funds and Contributions, including the outlay on Forest and Customs buildings, was Rs. 25,69,335, subdivided as under:—

	Rs.
Original Works	15,68,855
Repairs	4,03,489
Establishment	5,64,520
Tools and Plant	32,471
	25,69,335

And the works carried out were as follows :—

8.—ADMINISTRATION.

4.—Land Revenue Buildings.

54. Mámlatdárs' Kacheris, on the standard plan, were in progress at Jambusar and Olpád in the Surat Collectorate, and Rs. 10,006 and Rs. 12,646 were spent, against the estimates of Rs. 28,100 and Rs. 21,924; at Sirur in the Poona Collectorate, on which the outlay was Rs. 11,979, against the estimate of Rs. 26,996; at Yával and Ráver in the Khándesh Collectorate, on which Rs. 5,829 and Rs. 7,908 were spent, against the estimates of Rs. 31,570 and Rs. 15,198; at Ránebennur, in the Dhárwár Collectorate, on which Rs. 12,242 were expended against the estimate of Rs. 27,085; at Ankola, in the Kánara Collectorate, estimated to cost Rs. 28,380, on which Rs. 13,183 were spent; at Alibág, in the Kolába Collectorate, on which Rs. 9,972 were spent, against the estimated cost of Rs. 20,608; and at Karád, in the Sátára Collectorate, of which the estimated cost is Rs. 29,609, and the outlay was Rs. 1,999; and were completed at Chikhli, in the Surat Collectorate, at a total cost of Rs. 25,563, of which Rs. 5,159 were expended during the year; at Matar in the Kaira Collectorate, on which the total outlay was Rs. 24,903, against the estimate of Rs. 26,319; at Nevasa, in the Ahmednagar Collectorate, on which the total outlay was Rs. 36,327, against the estimate of Rs. 38,631; at Sinnar in the Násik Collectorate, on which the total outlay was Rs. 27,986, against the estimate of Rs. 28,378; at Shirpur in the Khándesh Collectorate, on which the total outlay was Rs. 28,963, against the estimate of Rs. 32,371; at Háveri in the Dhárwár Collectorate, on which the total outlay was Rs. 30,681, against the estimate of Rs. 28,968; and at Dahivadi, in the Sátára Collectorate, on which the total outlay was Rs. 27,599, against the estimate of Rs. 30,586. Additions and alterations were carried out to the Kacheris at Sásvad, in the Poona Collectorate, the total outlay on which was Rs. 16,812, against the estimate of Rs. 17,266; at Málsiras, in the Sholápur Collectorate, which were completed at a total expenditure of Rs. 5,339, against the estimate of Rs. 5,808; and at Chikodi, in the Belgaum Collectorate, which were completed at an outlay of Rs. 6,120, against the estimate of Rs. 7,194.

55. Mahálkaris' Kacheris at Guhágar, in the Ratnágiri Collectorate, and at Mahábleshvar, in the Sátara Collectorate, were completed at an outlay of Rs. 14,241 and Rs. 8,866, respectively, against the estimates of Rs. 14,367 and Rs. 9,041.

56. Accommodation for the Survey Records was completed during the year at Poona, at a total outlay of Rs. 13,870, against the estimate of Rs. 15,242; at Ahmednagar, the total outlay on which was Rs. 14,079, against the estimate of Rs. 14,752; at Dhulia, in the Khándesh Collectorate, at a total outlay of Rs. 18,818, against the estimate of Rs. 20,481; and at Sátára, in the Sátara Collectorate, at a total outlay of Rs. 13,370, against the estimate of Rs. 13,421; and was in progress at Násik, where the total outlay was Rs. 16,102, against the estimate of Rs. 18,410.

57. A record room, with shelves, for the Collector's Kacheri at Karáchi, was commenced and completed during the year at a cost of Rs. 3,525.

58. Additions and alterations to the Collector's office at Alibág, in the Kolába Collectorate, in progress from the previous year, were completed at a total outlay of Rs. 18,969, against the estimate of Rs. 19,750.

59. The work of converting a portion of the Jail at Surat into Public offices was in progress, and the first half, which has been completed, has been utilised for the offices of the District Superintendent of Police, the Divisional Forest Officer, the Assistant Collector, Bulsár, and the Deputy Collector in charge Olpád. The sanctioned estimate is Rs. 7,719, and the outlay of the year was Rs. 5,022.

60. A bungalow for the residence of the Assistant Collector at Kaira was commenced and nearly finished during the year, the outlay being Rs. 9,986, against the estimate of Rs. 10,540.

61. Buildings for the Experimental Farm at Surat, estimated to cost Rs. 17,720, consisting of milch cattle shed, dairy, Dutch-barn, manure-pit, Assistant Superintendent's quarters, Clerks' quarters, young cattle shed, latrine, roads, fencing, &c., were commenced during the year, and Rs. 11,003 were expended.

62. A new District Bungalow at Navra, midway between Sirur and Kedgaon, in the Poona Collectorate, was commenced and completed during the year at an outlay of Rs. 3,304, against the estimate of Rs. 3,351.

63. Special repairs were being carried out to the Local Funds District Bungalow at Talhar, in the Hyderabad Collectorate, the estimate for which was Rs. 3,035, and the expenditure during the year, Rs. 1,500.

5.—EXCISE BUILDINGS.

64. The Distillery at Godhra, in the Panch Maháls Collectorate, commenced in 1893-94, was in progress during the year, and Rs. 24,981 were spent, bringing up the total outlay to Rs. 49,512, against the sanctioned estimate of Rs. 71,616; additions to the Distillery at Mundhwa, in the Poona Collectorate, were commenced and completed at an outlay of Rs. 2,798, against the estimate of Rs. 2,853; and the improvements to the Distillery at Kotri, in the Karáchi Collectorate, commenced in the past year, were in progress, and Rs. 7,958 expended to the close of the year, against the estimate of Rs. 66,688.

6.—Residences for Local Governments and Secretariat Offices.

65. At Malabár Point, Bombay, the lighting of the Reception Bungalow and the roads in the compound of the Government House was in process of improvement by the introduction of incandescent gas lights, and the gas fittings and gas pipes were all renewed. The expenditure was Rs. 2,917, against the estimate of Rs. 5,084. Five rooms were added to the south of the Telegraph building to accommodate the Private Secretary's 2nd Clerk, signallers, Telegraph Master, and the Telegraph office, at a cost of Rs. 4,166, against the estimate of Rs. 4,357. At Ganesh Khind, the drainage of the Government House was completed at an outlay of Rs. 5,939, against the estimate of Rs. 6,132.

8.—POLITICAL AGENCIES.

66. The work of constructing Record and Opium Rooms at Pálanpur, commenced in the past year, was completed at a cost of Rs. 6,666, of which Rs. 6,077 were spent during the year; and Rs. 5,747 were spent on re-roofing the Residency at Baroda, against the estimate of Rs. 9,958.

9.—MINOR DEPARTMENTS.

3.—Monuments and Antiquities.

67. **Ahmedabad District.**—Certain of the archæological buildings and remains at Ahmedabad were repaired at a cost of Rs. 10,078.

68. **Kha'ndesh District.**—The repairs to the temples at Balsána were completed at a cost of Rs. 988, against the estimate of Rs. 1,440.

69. **Na'sik District.**—A thorough examination of the Gondeshwar's temple at Sinnar, the stone-work of the finial of which was found to be much decayed, was made with a view to its restoration, and an outlay of Rs. 538 incurred. The original estimate for the work, which amounts to Rs. 816, is found to be quite inadequate, and is undergoing revision.

70. **Bija'pur District.**—At Bijápur, special repairs to the Ibráhim Roza were carried out at a cost of Rs. 2,246; Rs. 201 were expended on special repairs to the mosque attached to the Gol Gumbaz, now used as a travellers' bungalow; and Rs. 1,574 were expended on the conservation of some other buildings.

71. A statement is appended showing the actual expenditure on the preservation of buildings of historical and architectural interest for the 5 years from 1891-92 to 1895-96.

Appendix A.

10.—EDUCATIONAL.

72. Under this head the progress during the year was as follows :—

1.—Government Colleges.

73. *Buildings classed as Provincial.*—At the Deccan College, Poona, the quarters for 32 students, commenced in the past year, were completed at a total outlay of Rs. 25,567, against the estimate of Rs. 25,995 ; and a Debating Theatre and Library, estimated to cost Rs. 20,229, was commenced, and Rs. 9,034 expended to the close of the year. The Debating Theatre and the Library will be on the first floor, and on the ground floor quarters for 12 students have been provided in 6 rooms, each 20′ × 12′.

74. At Dhárwár additions to the Training College, estimated to cost Rs. 31,940, were in progress, and Rs. 9,027 were expended.

2.—Government Schools.

75. At Dhulia the Ráo Bahádur Govindráo Rámchandra Garud High School, described in previous reports, was completed during the year at a total outlay of Rs. 62,965, against the estimated amount of Rs. 60,686, the outlay of the year being Rs. 29,688. The school was opened by His Excellency the Governor, Lord Sandhurst, in October 1895.

76. At Bijápur land for the proposed High School was acquired, and Rs. 1,700 paid from the Municipal contribution of Rs. 13,837.

77. At Karáchi, the addition of an upper story to the north wing of the Náráyen Jagannáth High School, commenced last year, was completed at a total outlay of Rs. 14,226, against the estimate of Rs. 14,078, the outlay of the year being Rs. 9,126.

78. At Thána, additions and alterations to the Byrámji Jeejeebhoy High School, estimated to cost Rs. 2,975, were in progress, and Rs. 2,202 expended to the close of the year.

79. At Godhra, a High School to cost Rs. 36,997, for which a moiety has been provided from the "Telang Memorial Fund," and the remainder from Provincial funds, was commenced during the year, and Rs. 9,932 spent. The school is situated on a good site on the bank of the Meshri river; in plan it is H.-shaped, with an upper story throughout The verandah pillars will be of stone, carrying stone arches, and the rest of the building will be of red brick, with a country-tiled roof.

80.. At Poona, the Maháráshtra Female High School, described in the last report, was completed, with the exception of lightning conductors, drainage, and roads. The outlay was Rs. 59,218, against the estimate of Rs. 64,452.

81. At Hyderabad, the Methárám Hall in connection with the High School, commenced in the past year, was completed, with the exception of the memorial tablet, at a total cost of Rs. 15,888, against the estimate of Rs. 15,584. Of the total cost, Rs. 12,000 were contributed by Dewán Methárám Gidumal, who died in December 1894.

Private Buildings assisted by a Government Grant-in-aid.

82. At Bombay the new Cathedral High School for Boys, described in the last report, was completed during the year, and occupied on the 13th January 1896. A play-shed, 83′ long by 35′ 6″ broad, was erected during the year. The total outlay was Rs. 1,50,351, against the estimate of Rs. 1,75,994, and the outlay of the year was Rs. 81,737.

83. At the Wilson College, Chaupáti, quarters for 48 additional students, similar in construction to the existing quarters, estimated to cost Rs. 23,452, of which Rs. 5,863 were provided from Provincial funds, were in progress, and Rs. 20,431 spent during the year.

84. At the Anjumani-i-Islam School, the Minton tile flooring, left incomplete last year, in the front and side verandahs was completed; the total outlay being Rs. 4,233, against the sanctioned estimate of Rs. 4,049, and the expenditure of the year Rs. 2,564.

85. At Ahmedabad, the Gujarát College, described in the last report, was continued, and the main building was raised to the level of the first floor, and the out-buildings nearly completed. The total outlay was Rs. 1,04,910, against the estimate of Rs. 1,83,383, the outlay of the year being Rs. 71,416.

86. A combined scheme for supplying water to the Gujarát College and the Ellis Bridge, from the Ahmedabad Municipal water works, estimated to cost Rs. 4,571, of which the College Committee have contributed Rs. 3,768, and the balance, Rs. 803, has been provided from Provincial funds, was commenced during the year, and Rs. 3,212 expended.

87. At Poona, the school for girls of the Church of Scotland Zenana Mission, described in previous reports, was completed at a cost of Rs. 6,686, the amount of the estimate.

88. Additions and alterations to the St. Joseph's Convent School, commenced in the past year, were completed at an outlay of Rs. 7,188, against the estimate of Rs. 7,200.

Private Buildings undertaken wholly from Contributions.

89. At Poona, a Refectory and Dormitory for St. Michael's School were completed at an outlay of Rs. 5,844, against the estimate of Rs. 6,037; and the Dormitory for St. Mary's School was completed for Rs. 12,750, the amount of the estimate.

90. A Parsonage, with out-houses, and a Divinity School, with quarters for single and married students, for the Church Missionary Society, estimated to cost Rs. 38,606, were commenced during the year, and Rs. 19,139 expended.

Local Funds and Municipal Buildings.

91. In the Thána Collectorate, the School-house at Bhiwndi, described in the last report, was still in progress, and Rs. 14,285 were expended, against the estimate of Rs. 20,891, the outlay of the year being Rs. 12,909.

92. In the Panch Maháls Collectorate, a School-house at Halol, for 250 boys, was completed at a cost of Rs. 6,715.

93. In the Kaira Collectorate, two School-houses at Sarsa and Karamsád, for 150 and 180 boys, respectively, were also completed at a cost of Rs. 4,363 and Rs. 6,294.

94. In the Ahmednagar Collectorate, School-houses, on the Khándesh standard pattern, were completed at Karanja for 60 boys, at Khadamba for 40 boys, and at Rahota for 100 boys, at a cost of Rs. 1,823, Rs. 1,275 and Rs. 2,768, respectively; and were in progress at Sanwatsar for 50 boys, and Sherdi for 50 boys, and Rs. 478 and Rs. 264 spent, against the estimates of Rs. 1,774 and Rs. 1,720.

95. In the Khándesh District, the Vernacular School-house for 600 boys at Dhulia, mentioned in the last report, was practically completed, the total outlay being Rs. 37,712, against the estimate of Rs. 41,133, and the outlay of the year Rs. 27,183.

96. Additions and alterations to the School-house at Chálisgaon, to provide additional accommodation for 160 boys, the estimated cost of which is Rs. 11,135, were in progress, and Rs. 4,245 expended to the close of the year.

97. School-houses at Dondaicha for 80 boys, at Bhalod for 250 boys, at Fulgaon for 60 boys, and at Sindi for 40 boys, were completed for Rs. 2,613, Rs. 7,384, Rs. 2,062, and Rs. 1,544, and a school-house was in progress at Mehunbara for100 boys, and Rs. 3,089 expended, against the estimate of Rs. 3,494.

98. In the Dhárwár Collectorate, additions and altertions to the school-house at Bankápur, in progress last year, were completed at a total outlay of

Rs. 3,035, against the estimate of Rs. 3,251; and the work of providing additional accommodation for 75 boys at the present school-house at Byádgi was in progress, and Rs. 2,759 expended, against the estimate of Rs. 3,470.

99. In the Ratnágiri Collectorate, school-houses at Málvan and at Rájápur were in progress, and Rs. 5,275 and 1,760 were expended, respectively, the estimates being Rs. 8,355 and 7,275.

100. In the Sátára Collectorate, the school-house for 120 boys at Válva, in progress last year, was completed for Rs. 3,650, against the estimate of Rs. 3,598; and additions and alterations to the School-house at Dudhgaon were in progress, and Rs. 924 expended, against the estimate of Rs. 2,672.

101. In the Bijápur Collectorate, the school for 100 boys at Golsangi, in progress last year, was completed at a total outlay of Rs. 4,560, against the estimate of Rs. 4,892.

102. An assembly room, 66 feet by 33 feet, for the Training College at Hyderabad, being an upper storey over a portion of the students' quarters of the Boys' Training College, was commenced and completed during the year at a cost of Rs. 4,813, against an estimate of Rs. 4,865.

103. The Female Training College, with Lady Superintendent's quarters and subsidiary buildings, which was commenced during the previous year, was, with the exception of the water service, completed at a total cost of Rs. 41,129, against the estimate of Rs. 41,994.

104. The quarters for 24 students of the Agricultural School in the Model Farm at Hyderabad, noticed in last year's report, were completed at a cost of Rs. 9,056, the estimate being Rs. 10,450; and additional accommodation for 24 students was provided by erecting one new double-storied block of buildings, similar to that already erected, provision for 6 more students being made by adding 3 rooms to the upper storey of the first block for 24 students. The work was completed, the cost being Rs. 9,772, against the estimate of Rs. 9,850.

11.—ECCLESIASTICAL.

1.—Churches.

105. At Poona, the Scottish Presbyterian Church (St. Andrew's), described in the last report, was nearly completed, with the exception of a few minor items. The outlay was Rs. 8,823, against the estimate of Rs. 8,929.

106. The Campanile for the Church of the Holy Name, belonging to the Society of St. John the Evangelist, mentioned in the last report, was raised to a height of 75 feet. The progress was slow owing to the difficulty of procuring good bricks at Poona. An ample supply having now been received, and the bells frames having arrived, the work will be completed next year. The outlay was Rs. 10,326, against the estimate of Rs. 31,839.

12.—LAW AND JUSTICE.

2.—Small Cause Courts.

107. At Broach, a building for the Small Cause Court, estimated to cost Rs. 8,276, was in progress, and Rs. 6,717 were spent during the year.

3.—District Courts.

108. In the Thána Collectorate, the new Subordinate Judge's Court-house at Kalyan was completed at a total outlay of Rs. 21,983, against the estimate of Rs. 21,747; and the Subordinate Judge's Court-house at Bandora was in progress, and Rs. 7,996 expended, against the estimate of Rs. 12,019.

109. In the Kaira Collectorate, the additions and alterations to the Subordinate Judge's Court-house at Nadiád were completed at a total cost of Rs. 2,605, again the estimate of Rs. 2,607.

110. In the Ahmedabad Collectorate, a new Subordinate Judge's Court-house at Viramgam, estimated to cost Rs. 19,487, was sanctioned, and materials

of the value of Rs. 5,059 were collected, but, owing to difficulties connected with the site, the building was not commenced.

111. At Poona, the new Subordinate Judge's and Small Cause Courts were completed at a total outlay of Rs. 52,705, against the estimate of Rs. 52,284.

112. At Ratnagiri, additions and alterations to the Adálat buildings (residential portion), estimated to cost Rs. 2,902, were commenced, and Rs. 2,550 expended; and a new Subordinate Judge's Court-house, commenced last year, was completed at a total cost of Rs. 20,466, against the estimate of Rs. 22,809.

113. In the Sátára Collectorate, the new Subordinate Judge's Court-house at Páṭan, in progress last year, was completed at a cost of Rs. 3,389, against the estimate of Rs. 3,395.

13.—JAILS.

1.—Central Jails.

114. At Ahmedabad, the Deputy Jailor's quarters at the District Central Jail, estimated to cost Rs. 3,940, were in progress, and Rs. 3,721 were spent during the year.

115. At Yerauda, Poona, the bathing platforms in the Deccan Central Jail, described in the last report, were completed at an outlay of Rs. 13,235, the estimated cost.

116. With a view to afford increased accommodation in the Reformatory at Yerauda, a length of 226 feet of the existing wall was pulled down, and an extra area, measuring 77′ × 226′, was enclosed, and new cells for 24 boys, together with a workshop, were under construction. The outlay was Rs. 4,999, against the estimate of Rs. 12,381.

117. In the last report it was stated that the new Central Prison for Sind, at Hyderabad, was practically completed, and the prisoners transferred to it in July 1894, and that the principal work remaining to be completed was the water service. A well was constructed, but the supply having proved inadequate, it was connected by a pipe with the Fuleli Canal, and pumps were erected on the bank, so that, when needed, the water could be pumped up direct to the Prison reservoir. The pumps have not, however, proved satisfactory, and require modification. The total outlay on the new Prison has been Rs. 4,52,233, against the estimate of Rs. 4,59,588, the outlay of the year having been Rs. 9,581.

2.—District Jails.

118. At Surat, the work of converting a portion of the old jail into a Subordinate Jail has been nearly completed. The expenditure has been Rs. 7,100, against the estimate of Rs. 10,328.

119. At Dhárwár, the work of enlarging the under-trial wards in the jail, in progress last year, was completed at a total outlay of Rs. 5,293, against the estimate of Rs. 5,296; and the erection of a cattle-shed, dairy, and peons' room in the compound was completed, with the exception of the copper boiler for the dairy. The outlay amounted to Rs. 3,271, against the estimate of Rs. 3,600.

14.—POLICE.

120. The budget-estimate for the year contained a provision of three lakhs of rupees for new Police buildings, of which Rs. 1,79,400 were for works in progress, and Rs. 1,20,600 for new major and minor works. The actual outlay will be found in a statement appended to this report, and the following is a brief account of the principal works carried out:— Appendix B.

121. At Bombay, the construction of 48 wooden chaukies for the City Police, commenced last year, were completed at a total cost of Rs. 16,233, against the sanctioned estimate of Rs. 19,156, of which Rs. 6,635 were expended during the year.

122. The Head-quarters Police Offices and Lines on the Esplanade, which were commenced in the last year, were in progress. The extreme length of the

main building is 234′, and its breadth 84′; it consists of four floors, and is of coursed rubble stone and lime masonry, with Coorla stone facing throughout, the inside of the walls being of chunam plaster. During the year the superstructure was commenced and brought up to the top of the second floor; a portion of the roof on this floor having been commenced also. Entrances to the different floors are secured by means of a main staircase in the centre, and a smaller spiral staircase at each of the north-west and south-west corners, all of teak-wood. A circular staircase has been built on the west or rear corridor of the central feature, to give independent access to the different residential quarters on the second and third floors. There is a corridor, about 10′ wide, running along the whole length on the west, and similar corridors on portions of the east side. The floors of all the main rooms are of concrete, resting in the case of the first, second and third floors on Porebandar stone slabs, $2\frac{1}{2}$″ thick; the corridors and rooms are to be laid with 1″ Indian patent stone on concrete bedding, with the exception of the main staircase hall, on the ground and first floors, and the Commissioner's and Deputy Commissioner's rooms on the first floor, which will be laid with Minton tiles. The roofing is of purlin rafter construction, supported on cut-teak trusses, with $\frac{3}{4}$″ planking, battens, and Mangalore tiles.

The detailed accommodation provided on the different floors for the various offices and quarters is as follows:—

Ground floor, central feature.—Waiting room for European Constable on duty, 13′ 9″ × 25′; Inspector's office, 13′ 9″ × 25′; Superintendent of Police, 13′ 9″ × 25′; Arms License offices, 17′ × 25′; Detective Superintendent's office, 12′ × 25′; south-east corner, clerks' room, 12′ × 12′.

North side.—Office of Inspector in charge of Reserve Forces, 12′ 6″ × 25′; office for Music Licenses, 12′ 6″ × 25′; two rooms, each 12′ 6″ × 25′; offices for Public Land Conveyances, 10′ × 25′; office for the Protector of Pilgrims, 16′ × 25′; water-room, east, 9′ 6″ × 10′.

First floor, central feature, south side.—Record room, 21′ 9″ × 25′ 6″; confidential clerks' room, 21′ 9″ × 25′ 6″; Commissioner's office, 31′ 6″ × 25′ 6″; Commissioner's private room, 10′ 3″ × 25′ 6″; Commissioner's bath room, south-east corner room, 12′ 3″ × 12′ 3″; small room, west side, 10′ 3″ × 10′ 6″.

North side.—Clerks' office, 25′ 6″ × 12′ 9″; clerks' office, 25′ 9″ × 25′ 6″; Deputy Commissioner's office, 24′ 6″ × 25′ 6″; Deputy Commissioner's, private room, 16′ 6″ × 25′ 6″; bath-room, 9′ 6″ × 10′.

Second floor, Constable's Quarters in central feature.—Bed-room 13′ × 10′ 6″; sitting-room, 14′ × 25′ 6″; bed-room, 11′ × 25′ 6″; bath-room, 5′ × 12′ 9″.

South end, Superintendent's Quarters.—Three servants' rooms, 8′ $5\frac{1}{2}$″ × 12′ 9″; cook-room, 8′ $5\frac{1}{2}$″ × 12′ 9″; passage, 25′ × 4′; bed-room, 10′ $8\frac{1}{4}$″ × 26′; bed-room, 10′ $8\frac{1}{4}$″ × 26′; bath-room, east, 8′ × 10″ 6′; bed-room, 15′ 9″ × 26; sitting-room, 15′ 9″ × 26′; water closet, 3′ 6″ × 6′; bath-room, 12′ 6″ × 8′ 9″; bed-room, south, 10′ 6″ × 26′.

North side, Constable's Quarters.—Bath-room, 5′ × 12′ 9″; bed-room, 16′ × 26′; bed-room, 15′ × 10′ 6″; sitting-room, 15′ × 16′; water closet, 3′ 6″ × 6′.

North side, Inspectors' Quarters.—Bed-room, 16′ 6″ × 10′ 6″; bed-room, 16′ 6″ × 15′; bed-room, 12′ × 26′; sitting-room, 17′ × 26′; bath-room, 6′ 6″ × 10′ 6″; water closet, west, 3′ 6″ × 6′.

Third floor, central feature.—Cook-room, 10′ 9″ × 9′ 6″; four servants' rooms, 12′ 9″ × 9′ 6″; passage, 26′ 6″ × 6′; cook-room, 12′ 9″ × 9′ 6″; north-end east, cook-room, 17′ 6″ × 10′ 9″; three servants' rooms, 8′ 6″ × 11′ 6″; passage, 26′ 6″ × 5′.

Subsidiary Buildings.—Sepoys' lines for Non-Commissioned Officers, Sowárs and Sepoys, consisting of three floors of 40 rooms each. The end

rooms are 12′ × 10′, and the remainder 10′ × 10′. Three wooden staircases give access to the upper floors, *viz.*, one at either end of the building and one in the centre; the floors are 10′ in height, and a bath-room and chulas are provided for each room. The longitudinal walls are of rubble stone and lime masonry, and the cross-walls are of 9″ brick and lime. Verandahs, 5 feet wide, are provided on each side. The length is 248 feet, and the breadth is 39′ 6″. Latrines are provided in one block, with a wall dividing male from female accommodation; there are 14 seats for males, and 12 seats for females, with the same number of urinals. A 9″ brick screen wall, 5 feet high, runs round this building, with openings for entrance and exit at the north and south ends. The latrines and urinals are on the trough system, and will be provided hereafter with automatic flushing apparatus. The whole of the superstructure is of burnt brick and lime, covered with Mangalore tiles on teak battens and cut-teak rafters. The length of the building is 49′ 3″ × 32′ 6″.

Godown, store-room, stable and coach-house, all in one block, provide accommodation as follows :— 1 store-room, 40′ × 24′, 1 godown, 12′ × 24′, 20 stalls for sowars' horses, 9′ × 13′ each, 3 stalls for officers, 10′ × 13′, 3 coach-houses, 10′ × 13′. The plinth of the building is 3′ 1½″ above ground-level. The walls of rubble stone and lime are 1½′ thick, and are carried to a height of 11¾′ to the undersides of tie beams. The store-room and godown are provided with cut-stone pavement on a 6″ bed of concrete. The coach-house has a similar floor. The floor of the stable is of muram. The walls are painted outside, and whitewashed inside.

Latrines for Clerks.—The latrines for clerks have 8 seats, each 2′ 10½″ × 5′ 9″, with 8 urinals at the back, a brick wall, 9″ thick, dividing the two sets. A screen wall of coursed rubble stone and lime masonry, 1′ 3″ × 5′, runs round the building, with an entrance, 3′ 6″ wide, on the west side. The roof is of Mangalore tiles on teak battens and cut-teak rafters. The arrangement is on the trough system, with automatic flushing, similar to that for the sepoys' latrines.

Latrines for Europeans.—This building is attached to the east end of the last mentioned building, and is 11′ 6″ × 8′ 6″ wide.

The total expenditure on both main and subsidiary buildings amounted to Rs. 1,46,389, of which Rs. 1,25,000 were spent during the year. The sanctioned estimate amounts to Rs. 3,05,746.

123. The Police Lines at Shahápur, in the Thána Collectorate, were in progress. One of the blocks, providing accommodation for 11 peons, is practically completed; and the other block of 10 rooms is finished up to plinth level at a total cost of Rs. 4,349, against the estimate of Rs. 5,552.

124. The Police Lines at Chikhli, in the Surat Collectorate, described in the last report, were completed and handed over. The total expenditure was Rs. 10,872, of which Rs. 420 were spent during the year.

125. At Matar, in the Kaira Collectorate, lines for 34 men were finished sufficiently for the men to occupy them in January 1896. The total expenditure amounted to Rs. 9,752, of which Rs. 5,597 were spent during the year, the sanctioned estimate being Rs. 10,329.

126. At Kapadvanj, lines for 41 men, estimated to cost Rs. 14,055, were commenced during the year, and will be completed next year; Rs. 6,981 were expended.

127. At Tándo, on the Rutlam frontier, in the Panch Maháls, an outpost for 9 men was commenced and nearly completed during the year. Rs. 2,340 were expended, against the sanctioned estimate of Rs. 2,736.

128. Additions and alterations to the Police Superintendent's Bungalow at Kaira were commenced during the year, and Rs. 2,493 expended, against the estimate of Rs. 3,870.

129. The Thánádár's Kacheri and Police Lines at Wakhtápur, in the Mahi Kántha Agency, described in the last report, and estimated to cost Rs. 15,751, were completed at a total cost of Rs. 14,904, the outlay during the year being Rs. 2,744.

130. Police Lines at Dhandhuka, in the Ahmedabad Collectorate, estimated to cost Rs. 14,261, and intended to provide accommodation for 45 men, were in progress, and the outlay during the year was Rs. 5,166.

131. Lines for the City Police at Poona, mentioned in the last report, were in progress; these consist of 18 blocks, of which 15 have been nearly completed, and the others are well advanced. The amount of the estimate is Rs. 78,174, and the outlay has been Rs. 49,849.

132. The quarters for Police and fire-engine shed at the Bolai Chowki, Poona, in progress last year, were completed during the year, the amount expended being Rs. 6,329, against the estimate of Rs. 6,342.

133. At Sholápur, owing to the dilapidated condition of the old lines, new quarters for Police, providing accommodation as follows, were under construction :—4 barracks of 30 rooms each, 1 of 13 rooms, 1 of 8 rooms, 1 quarters for chief constable, and 1 stable for 8 horses, 1 block containing guard-room, chief constable's office, &c., and 1 set of out-houses for above. Each of the 4 blocks of 30 rooms has been divided into two, and thus 8 blocks, of 15 rooms each, are being constructed. The superstructure of one block of 15 rooms was completed up to the roof, and of another similar one up to a height of 3 feet. The detached building, chief constables' quarters, was nearly completed; and materials for other blocks were collected. The amount of the estimate is Rs. 43,991, out of which Rs. 8,421 were expended.

134. At Sonai, in the Ahmednagar District, Police lines for 6 men were in progress, the expenditure being Rs. 930, against the estimate of Rs. 2,480, and at Bári, Police lines for 4 Constables were in progress; the estimate is Rs. 1,677, and the outlay was Rs. 803.

135. At Peint, in the Násik District, materials, costing Rs. 3,022, were collected for the construction of new Police lines; these lines are designed according to standard plan B, and consist of 2 blocks facing each other, the clear distance between them being 30 feet. Each block contains 14 rooms, the end rooms, each 12′ × 10′, being for head constables, and the other, 10′ × 10′ each, for constables. The project provides also quarters for the chief constable, with 3 rooms, one 10′ × 10′, and two 12′ × 10′ each, with verandahs in front and rear. The progress of the work was greatly retarded by difficulties peculiar to the locality, and nothing but the collection of materials, the carriage of which was most troublesome to arrange for, was in progress. The estimated cost is Rs. 13,328.

136. Materials, costing Rs. 761, were collected for the construction of Police lines at Sinnar, to consist of 4 blocks, providing accommodation for 1 head constable, 1st class, 2 head constables, 3rd and 4th classes, 26 constables, and 1 mounted policeman. The outlay is for the present to be limited to the accommodation necessary for the treasury guard.

137. At Dahivadi, in the Sátára Collectorate, new Police lines for 10 men for the treasury guard, commenced last year, were completed at a total cost of Rs. 3,610, against the estimate of Rs. 3,406.

138. At Bágevádi, in the Bijápur Collectorate, Police lines for 19 men were put in hand, the outlay during the year being Rs. 6,723, against the estimate of Rs. 7,477.

139. At Karáchi, the construction of new quarters for the head constables of the Rural Police was taken in hand during the year, the outlay being Rs. 3,500, against the estimated cost of Rs. 5,416.

140. In the Shikárpur Collectorate, at Shikárpur, a new Fouzdári and Lock-up was commenced and completed during the year at a cost of Rs. 9,800, against an estimate of Rs. 9,845; and the family lines for the head-quarters Police were re-roofed with common tatties, laid on iron rails, at a cost of Rs. 2,635.

141. Additions and alterations to the Police Thána at Mirpur Mathelo were taken in hand, but not completed. The outlay during the year was Rs. 3,000, against an estimate of Rs. 9,294.

142. Additions and alterations to the Táluka Police lines at Lárkhána were commenced and completed during the year, at a cost of Rs. 3,792, against an estimate of 3,700.

143. At Tando Adam, in the Hyderabad Collectorate, additions to the Police lines were carried out at a cost of Rs. 2,686, against the estimate of Rs. 2,780.

15.—MEDICAL.

I.—Hospitals and Dispensaries.

144. At Bombay, additions and alterations to the cook-rooms, store-rooms, &c., at the Jamsetji Jeejeebhoy Hospital, with a view to improve the sanitary condition of the buildings, were commenced and nearly completed. Rs. 5,396 were expended during the year, against the sanctioned estimate of Rs. 7,040.

145. At the Lazaretto at Sewri, a detached dissecting room, 33′ 4″ × 22′, and an additional waiting room, 16′ × 10′, similar to and in continuation of the existing store and office rooms, have been constructed, and a 1½″ galvanized iron water-pipe laid on, at a total cost of Rs. 4,950, against the estimate of Rs. 4,935.

146. Additions and alterations to the Bái Motlibái and Sir Dinshaw Maneckji Petit Hospitals, and Dwárkádás Lallubhái Dispensary, described in last year's report, were completed at a total cost of Rs. 11,038, against the sanctioned estimate of Rs. 10,603.

147. At Thána, quarters for 7 menial servants and one civil medical pupil at the Civil Hospital, were finished up to the roofs; the sweeper's room has been built separate. An outlay of Rs. 3,083 was incurred, against the sanctioned estimate of Rs. 3,900.

148. At Surat, additions and alterations, estimated to cost Rs. 6,042, were made to the Sir Cowasji Jehángir Civil Hospital, at a total cost of Rs. 6,001.

149. The Morárbhái Vrijbhukhándás Hospital for Women and Children, described in the last report, was in progress during the year. It was completed, with the exception of minor works, such as the compound-wall and out-houses, at a total cost of Rs. 24,290, of which Rs. 22,796 were expended during the year. The hospital is expected to be ready for use before the end of May. The entire cost was contributed by the widow of the late Mr. Morárji Vrijbukhándás.

150. At Kaira, the additions to the Civil Hospital, commenced in the previous year, were completed. The total expenditure amounted to Rs. 9,257, against the estimate of Rs. 9,727, of which Rs. 71 were spent during the year.

151. At Poona, the drainage of the Sassoon Hospital was taken in hand and materials collected. The project provides for the removal of the sullage water from the hospital, and all the subsidiary buildings, by means of open gutters and pipes; at all connections manholes are to be provided, and, where necessary, gulley or anti-D. traps and ventilating pipes are to be fixed. The amount of the estimate is Rs. 10,378, and the expenditure during the year was Rs. 3,152.

152. Additions and alterations to the Hospital for Women in the City of Poona, consisting of constructing a porch, extending the waiting-room, providing teak ceilings to the bed-rooms upstairs, paving the wards with Mangalore tiles, improving the drainage and water-supply, and constructing a road and fountain, were completed at an outlay of Rs. 4,088, against the estimate of Rs. 4,135.

153. At Sholápur, quarters for the Hospital Assistant, attached to the Civil Hospital, were in progress in lieu of the old quarters, which were burnt down in December 1894, and Rs. 1,003 were spent, against the estimate of Rs. 2,560.

154. At Karáchi, the construction of cells for insane patients in the Civil Hospital was taken in hand during the year. The outlay was Rs. 3,800, against an estimate of Rs. 5,808, of which Rs. 2,000 were contributed by the Municipality, and Rs. 1,800 from Provincial funds.

155. At Hyderabad, the Civil Hospital and Medical School, described in previous reports, was finally completed during the year at a total cost of Rs. 88,031, against the estimate of Rs. 88,243, the expenditure during the year being Rs. 506.

156. At Ahmedabad, a new Veterinary Hospital, estimated to cost Rs. 9,489, and providing the following accommodation, was in progress, the outlay during the year being Rs. 8,493, *viz.*:—dispensary, hospital assistant's quarters, 4 rooms for servants and 1 cook-room, 7 stalls and 6 loose boxes for animals, and 2 stables for animals attacked by contagious diseases. The whole amount was contributed by Sir Dinshaw Maneckji Petit, Baronet.

157. Additions and alterations to the Local Fund Dispensary at Bhiwndi were completed at a total cost of Rs. 3,228, of which Rs. 1,911 were spent during the year, against the estimate of Rs. 3,511.

158. Additional quarters for the Assistant Surgeon in charge Kalyán Dispensary were in progress, and Rs. 1,972 spent, against the estimate of Rs. 4,698.

159. At Dehej, in the Vágra Táluka of the Broach Collectorate, a Local Fund Dispensary, estimated to cost Rs. 5,516, was commenced and nearly completed during the year, at a total cost of Rs. 4,932. The accommodation provided is in accordance with the standard plan, and consists of a dispensary, prescribing room, store-room, hospital assistant's-room, bath-room, zenana compound, dead-house and latrine.

160. At Chándor, in the Násik District, a Local Funds Dispensary, with out-houses, was completed according to the sanctioned plans, with the exception of a 3-seat latrine, which could not be finished owing to a change of site, directed by the Civil authorities. late in the year. The total expenditure was Rs. 9,416, against the estimate of Rs. 9,433.

161. At Satána, quarters for the Hospital Assistant at the Local Fund Dispensary were in progress, and Rs. 4,175 were expended, against the estimate of Rs. 4,780.

162. At Sháháda, in the Khándesh District, the Local Funds Dispensary, described in the last report, was completed at an outlay of Rs. 2,554, against the estimate of Rs. 8,445.

163. At Dhulia, quarters for two Hospital Assistants, on the standard plan B., were in progress. The amount of the estimate is Rs. 5,920, and the outlay during the year was Rs. 2,822.

164. At Jámner, a Local Fund Dispensary, on the standard plan B., was in progress. The amount of the estimate is Rs. 10,776, and the expenditure during the year was Rs. 3,126.

165. At Dhulia, a Local Fund Veterinary Dispensary was in course of construction. It consists of a dispensary room, 18′ ×14′, with a front verandah 7′; quarters for the veterinary officers, on the standard plan C.; for the hospital assistant, consisting of 2 rooms, with cook-room, bath-room and verandahs; peon's quarters, consisting of one room, 10′×10′; one isolation box for horses, 8′×12′; a cattle and horse shed, 30′×24′; and a latrine of one seat on the improved model plan. The amount of the estimate is Rs. 5,834, and the expenditure during the year was Rs. 1,098.

166. A new Local Fund Dispensary at Sháhdádpur, in the Hyderabad Canals District, was commenced during the year, and nearly completed. Against the estimate of Rs. 6,723, an expenditure of Rs. 5,772 was incurred.

167. At Sanghar, in the Thar and Párkar District, the Local Fund Dispensary, which was in progress in the previous year, was completed at a total cost of Rs. 6,592, against the estimate of Rs. 6,705.

IV.—Lunatic Asylums.

168. At Nowpada, in the Thána Collectorate, the Narotamdás Madhowdás Lunatic Asylum, mentioned in the last report, was in progress. Two wells were excavated, and one was finished with masonry steining and apparatus to raise water by animal power, and with temporary distribution pipes, &c., to carry water to the sites of the blocks in progress. The water is declared potable by the Chemical Analyser; and a great saving in the cost of water-supply to the Asylum is to be expected. The following blocks of buildings were practically completed:—steward's quarters, clerks' quarters, compounders' quarters, and work-shed No. 1.

Five blocks for servants were completed up to the roof level, and the plinths of the remaining 2 blocks were raised during the year. The plinth of the second work-shed was also finished. The superstructure of the ground-floor of the office and the store-room was finished up to the level of the arching over doors and windows, and the quarters for the Assistant Surgeon were also finished to that level; the foundations and plinth of the cook-room, and the foundations of the stables attached to it were completed. The foundations of the hospital and of the two blocks for criminals were laid, and the plinth of one of the blocks completed. The approach road, exclusive of metalling, was made, and the whole site was demarcated with stones. Thus all buildings not affected by the revision of the project, which is now under consideration, are in fair progress, and are expected to be nearly finished by the rains. The site for blocks for female lunatics was not acquired until the close of the official year. The total expenditure amounted to Rs. 49,524, of which Rs. 47,033 were spent during the year, against the sanctioned estimate of Rs. 3,98,790.

169. At Dhárwár, quarters for warders and sweepers, and bathing platforms in the Lunatic Asylum were in progress, and Rs. 1,301 were expended, against the estimate of Rs. 4,805.

16.—MISCELLANEOUS.

2.—Printing.

170. At Poona, a building, 46′ × 18′, containing two rooms, 10′ × 15′, and one room, 20′ × 15′, for Photo-etching, &c., was added to the Photozincographic Office. The rooms are fitted with shelves, work benches, troughs, tables, &c., and have been completed. The amount of the estimate is Rs. 2,931, and the expenditure during the year was Rs. 2,884.

4.—Public Works Buildings.

171. At Bombay, the work of adding a wing to the Public Works Building, described in last year's report, was completed at a total cost of Rs. 71,281, against the estimate of Rs. 76,615, of which Rs. 2,144 were spent during the year.

172. The drainage of the Public Works Offices, being defective, was improved by the following additions and alterations:—The old-fashioned latrines on the basement floor, east wing, and urinals on the ground and mezzanine floors were removed; as the number of latrines and urinals originally provided was insufficient for the peons and the clerical establishment, similar basement and mezzanine floors were constructed in the west wing, and two urinals and one latrine made in each basement floor for peons and hamals, and two urinals and two latrines on each mezzanine floor for the clerical establishment; commodes for officers have been replaced by improved water-closets, two on each of the lower floors (one in each wing), and one on the third floor. Improved urinals have been provided on each of the first and second floors, and a "Hindustan" closet on the third floor. The floors of all the water-closets and urinals were paved with white Minton tiles, and dados of the same material were provided. Each closet is provided with a three gallons flushing tank, and the urinals are automatically flushed. To secure a constant and ample supply of water, two additional wrought iron tanks, of 4 cubic feet capacity, have been provided on the fourth floor. The drains are of 6″ glazed earthenware pipes, with 8 manholes, and have ventilating pipes, with mica flap inlet, &c. The work has been completed at a total expenditure of Rs. 7,992, against the estimate of Rs. 8,846.

173. At Dhulia, an Office and a Residence for the Executive Engineer, Khándesh District, were under construction during the year, and Rs. 3,701 and Rs. 3,427 spent, against the estimates of Rs. 11,165 and Rs. 12,274, respectively.

5.—Miscellaneous or General.

174. At the Colába Observatory, a fire-proof Record Room in the compound, measuring 30′ × 5′ × 11′ 9″, to accommodate valuable meteorological records, was commenced and completed at a cost of Rs. 2,663, against the estimate of Rs. 2,805 : it is of stone and lime masonry, plastered on the inside, and faced with khandkis and painted on the outside; the roof is of Mangalore tiles on teak-wood battens, fixed to corrugated iron sheets, carried on T-iron purlins, which are again supported on iron trusses. The doors and windows are of teakwood framed and planked, the latter being fitted with iron bars. An iron rack, 24′ × 2′ × 10′, was provided for the records.

175. At Ahmednagar, Stallion Stables, in two blocks, each having 7 stables, 13′ × 13′, with office and covering yard, and quarters for an Assistant and for six syces, was in progress, and Rs. 9,997 were spent, against the estimate of Rs. 17,525.

II—COMMUNICATIONS.

176. The total outlay on Communications was Rs. 26,46,368, subdivided as under :—

	Rs.
Original Works	6,62,929
Repairs	14,64,304
Establishment	4,82,033
Tools and Plant	37,102
Total ...	26,46,368

177. A statement showing extensions and improvements carried out during the year 1895-96, to Imperial, Provincial, and Local Fund roads, under Public Works Agency, is appended to this report.

Appendix D.

178. Since the last report was issued, the statements of extensions of Local Funds and Municipal roads, maintained by Civil Agency, for the year 1892-93 have been issued as supplements to that report; and the statements for 1893-94 are now under preparation.

179. A statement showing the progress made in the demarcation of roads, in the Northern, Central, Southern and Sind Divisions for 1895-96, is also appended to this report.

Appendix E.

180. A map, in three sheets, showing the progress made during the year on the principal lines of roads, forms, as usual, an Appendix to the report.

Appendix F.

181. The works carried out during the year were as follows :—

I.—ROADS.

I.—METALLED AND BRIDGED ROADS.

182. **Tha'na District.**—*Sopara-Nila Road* (*Local*).—The work on this road was kept in abeyance until January 1896, when possession was obtained of the land, and the work was then pushed on, and except the spreading of metal and consolidation, the roadway and masonry works were completed at a total cost of Rs. 5,508, of which Rs. 4,616 were spent during the year, against the estimate of Rs. 6,367.

183. *Road from Malad to Merwa* (*Local*).—An outlay of Rs. 893 has been incurred in protecting the side slopes of the embankments in the creeks with stone pitching. The total expenditure amounts to Rs. 1,782, against the sanctioned estimate of Rs. 5,103.

184. *Wewjee-Umbergaon Road.*—Possession was obtained of the land in March 1896, since which time the work has progressed. The embankment in one of the two creeks was finished, and one drain was nearly completed, and muram and metal for surfacing were collected. Rs. 2,544 were expended, against the sanctioned estimate of Rs. 7,000.

185. **Surat and Broach Districts.**—*Surat-Bárdoli Road, within British limits* (*Local*).—This road was completed at a total cost of Rs. 33,673, of which Rs. 2,289 were expended during the year, against the estimate of Rs. 33,711.

186. *Broach-Jambusar Road* (*Local*).—The metalling of miles 5 to 8 was completed at a total cost of Rs. 36,972, of which Rs. 1,637 were expended during the year. The metalling of a further length of 4 miles (9 to 12), estimated to cost Rs. 38,153, and commenced last year, was nearly completed, spreading and consolidation alone remaining. The total expenditure from the beginning of the work amounted to Rs. 27,851, of which Rs. 14,702 were expended during the year.

187. *Road from New Udwada Railway Station to Udwada village* (*Contribution*).—The Bombay, Baroda, and Central India Railway Company having removed the temporary Udwada Station, and built a new one, about a mile and a quarter to the south of the village of Retlao, this road became necessary. The total length is 4 miles and 200 feet up to the outskirts of Udwada village, the width is 20 feet, and it is to be metalled. The whole cost of construction, *viz.*, Rs. 25,000, together with a capital grant of Rs. 20,000 for maintenance, has been contributed by Bái Motlibái Jehangirji Wadia of Bombay. The earthwork and bridges, &c., have been completed at a cost of Rs. 16,006, and the total estimate amounts to Rs. 25,777.

188. *Broach-Jambusar Road* (*Local*).—Sand was spread on the 3 miles between A'mod and Magnad, at a cost of Rs. 3,728, against the estimate of Rs. 4,733.

189. *Road from Sachin to Lajpore* (*Sachin State*).—The bridge over the Bhagipul Nála, estimated to cost Rs. 3,993, was in progress, of which Rs. 1,471 were spent during the year.

190. **Kaira District.**—*Cambay and Petlad Road* (*State*).—The State portion was completed at a total cost of Rs. 44,982, of which Rs. 9,615 were spent during the year, and the road was handed over to the Cambay Authorities. The sanctioned estimate amounted to Rs. 47,377.

The British portion was completed last year. The portions passing through Baroda territory have been made by that State. The total length of the road is 18 miles, and there are three different agencies (British, Baroda, and Cambay) for keeping it in repair.

191. *Nadiád and Kapadvanj Road* (*Local*).—The metalling was practically completed at a total cost of Rs. 59,816, of which Rs. 17,034 were spent during the year, against the estimate of Rs. 67,073.

192. *Kaira and Mehmadabad Road* (*Local*).—The metalling could have been finished, had funds been available. Rs. 814 were spent during the year, bringing the total expenditure to Rs. 4,326, against the estimate of Rs. 5,016.

193. *Godhra-Shera Road* (*Local*).—The Panch Maháls Local Board gave a grant of Rs. 7,731 towards the metalling of this road, but if larger grants cannot be given, it will take six or seven years to metal the whole length. Owing to want of funds, the Local Board have requested that this road should be classed as "Provincial," and the matter is under consideration. The total expenditure amounted to Rs. 11,237, including Rs. 7,725 spent during the year, against the estimate of Rs. 47,304.

194. *Rampura Road.*—This branch road near Godhra was metalled at a cost of Rs. 5,675, against the estimate of Rs. 5,690.

195. **Ahmedabad District.**—*Road from Ahmedabad to Bareja, 11 miles,* (*Local*).—This road was completed during the year at a total cost of Rs. 1,14,597, against the estimate of Rs. 1,15,625, the outlay during the year being Rs. 18,951.

196. *Dhanduka-Tagdi Road* (*Local*).—A further sum of Rs. 1,464 was spent in improving this road during the year. The total expenditure to the end of the year was Rs. 21,829, against the estimate of Rs. 24,843.

197. **Poona District.**—*Masonry bridge over the River Mula at Dápuri* (*Harris Bridge*).—The bridge work was completed during the year, and, in addition, two of the old land arches were filled up, and the bank on the Dápuri side protected by a revetment wall and dry stone pitching. The total outlay was Rs. 1,75,770, against the estimate of Rs. 1,75,636, and the expenditure during the year was Rs. 42,801.

198. **Shola'pur District.**—The road from Barsi Road Station to Barsi Town was handed over to the Barsi Light Railway Company on 8th January 1896. The railway is in progress.

199. **Kha'ndesh District.**—The drainage works on the Bombay-Agra Road were completed at a total outlay of Rs. 2,617, against the estimate of Rs. 2,620, the expenditure during the year being Rs. 937.

200. **Dha'rwa'r District.**—*Road between Karajgi and the Railway Station* (*Local*).—Nearly the whole of the earthwork was completed; muram for $1\frac{3}{4}$ miles, and materials such as rubble stone, sand, metal for concrete, &c., were collected, and mile stones, furlong stones, and boundary stones were prepared and fixed in position. The outlay during the year was Rs. 6,427, against the estimate of Rs. 16,101.

201. **Ka'nara District.**—*Road from Sanglikop to Karwar viâ Arbail Ghát* (*Provincial*).—Special repairs to the Handimadi Bridge were put in hand, and materials worth Rs. 3,151 were collected during the year, against the sanctioned estimate of Rs. 13,536. All the materials being ready, the work will be completed before the monsoon.

202. The reconstruction of Bridge No. 18, mile 24, of 20 feet span, was also undertaken during the year. The original waterway was considered insufficient, and a 30 feet span adopted. Materials were collected, and concrete foundations of abutments put in. The outlay during the year was Rs. 2,828, against the estimate of Rs. 3,473.

203. *Road from the Mysore Frontier near Talguppa to Gersappa* (*Provincial*).—The work of metalling the first portion of 15 miles was in progress. The total outlay to the end of the year was Rs. 36,850, against the estimate of Rs. 37,507. The metalling of the remaining $9\frac{7}{8}$ miles of this road was in progress. The work done during the year consisted of collection of 12,000 cubic feet granite metal, and 24,067 cubic feet laterite metal, and $3\frac{2}{3}$ miles consolidation. The outlay to the end of the year was Rs. 18,991, against the estimate of Rs. 25,035.

204. *Road from Yellápur to Bankápur, viâ Mundgod* (*Provincial*).—The work of reconstructing bridge No. 3 in mile No. 15 was in progress, and Rs. 2,548 were expended, against the estimate of Rs. 2,887.

II.—RAISED, BRIDGED, AND UNMETALLED ROADS.

205. **Tha'na District.**—*Manor-Wada Road* (*Local*).—This road was completed at a total cost of Rs. 60,505, against the estimate of Rs. 70,596; the compensation for land remains to be paid. Rs. 1,259 were expended during the year.

206. *Road from Bhynder to Utan* (*Local*).—This road was completed up to the village of Utan; its extension through the village to the bunder, estimated to cost Rs. 1,896, was sanctioned in January 1896. The embankment and drain were finished during the year, and metal for surfacing was broken in the quarry. The total expenditure amounted to Rs. 22,337, against the estimate of Rs. 33,899, and the expenditure of the year was Rs. 1,786.

207. **Surat and Broach Districts.**—*Katargaum Road (Local).*—The improvements to this road, commenced last year, were completed at a total cost of Rs. 4,856, of which Rs. 3,858 were expended during the year, against the sanctioned estimate of Rs. 4,949.

208. *Bulsár-Pardi Road (Local).*—The low-level Bridge across the Wanki River near Bulsár, was completed at a total cost of Rs. 2,716, of which Rs. 1,920 were expended during the year, against the estimate of Rs. 2,729.

209. **Sholapur District.**—*Karmála Road.*—The length of this road is 11 miles, of which 8 were completely metalled by the end of the year. The metalling of the remaining 3 miles will be completed next year. The total expenditure was Rs. 13,291, and the outlay of the year was Rs. 2,545, against the estimate of Rs. 19,358.

210. *Poona-Hyderabad Road, Section III (Provincial).*—The bridge over the Harni River, in the 16th mile, was damaged by a heavy flood in September 1895. The flood water scoured out the sand round the foundations of pier No. 6, to a depth of 14 feet, and caused the pier to sink to an average depth of 1′ 4″, with the result that the arches on both sides of it cracked dangerously. While dismantling arch No. 6, arches Nos. 5 and 4 came down one after the other, and piers Nos. 4 and 5 were cracked. Pier No. 3 was supported at once by dry stone buttresses, which prevented the damage from extending further. The work of reconstructing the damaged portion of the bridge was commenced during the year, and piers Nos. 4 and 5 were dismantled to the crack levels and rebuilt. Pier No. 7 was strengthened by stone and mud counterforts, which saved arch No. 8 from falling. Wooden centres for arches Nos. 5 and 6 were made, and materials for the reconstruction of the damaged portion of the bridge were partially collected. The expenditure incurred on special repairs of the bridge was Rs. 7,015, against a revised estimate of Rs. 12,928. It will be completely restored during 1896-97.

211. *Sholápur to Akalkot (Local Funds).*—The total length of this road is 14 miles, and the length under improvement 9 miles. The proposed improvements consisted of spreading muram, 9 inches thick and 14 feet wide, in all miles to be improved, consolidating the same by rolling, and opening new side gutters, embanking road surface, and improving nalla crossings. All the above items of improvement were carried out during the year, to the extent of the allotment sanctioned. The total outlay has been Rs. 4,413, against the estimate of Rs. 8,638.

212. *Improving Road from Barsi Road Station to Sangam.*—The length of the road is 20 miles, of which 17 miles were improved in 1894-95, and 3 miles during the year, by spreading muram 6 inches in thickness and 12 feet in width, and consolidating the same by rolling. Gutters were excavated on both sides of the road thus improved, and a few road dams were also constructed. The total expenditure was Rs. 8,919, that during the year being Rs. 2,692, against the estimate of Rs. 10,052.

213. *Improving the Akluj-Malsiras Road.*—The worst portions of this road, *viz.*, miles Nos. 17 and 22 to 25, were improved during the year, by putting a layer of muram 3″ and 6″ in thickness in hard and black soils, respectively, and consolidating the same by rolling. Gutters, 2′ × 1′, were excavated on both sides, and masonry dip walls constructed in mile No. 25. One dip wall was also constructed in mile No. 24. The road in the 17th mile was diverted from mile No. 16 on the south side of the Akluj village, and joined to the existing road on the other side of the village, as the road through the village was very inconvenient for cart traffic. The length of the diversion is 6,446 feet, and width 20 feet. A coat of muram, 16′ in width and 6″ in depth, was spread over the new portion.

214. **Ahmednagar District.**—*Road from Randha to Samrad.*—Rock cutting and cross-drainage works remaining to be done have been carried out; and the road completed at a total cost of Rs. 31,400, against a like estimate; the expenditure during the year being Rs. 1,265.

215. *Road from Nevása to Sheogaon (Local).*—The 18th mile of the road was completed, and some materials collected for the 19th and 20th miles. Road surfacing remains to be carried out from 19 to 23½ miles. The amount of the estimate is Rs. 43,482, of which Rs. 36,873 have been expended, the expenditure during the year being Rs. 6,347.

216. *Road from Jámgaon to Kotul (Provincial).*—The work was practically completed last year, but a small amount was spent during the year in making good imperfections.

217. *Supa-Pimpalgaon-Depa Road (Local).*—With a view to avoid some steep gradients and sharp curves near the village of Kanhur, a cutting, about 9 feet deep, in rock was made along a nearly straight line, and the maximum gradient reduced to 1 in 20. The expenditure during the year was Rs. 1,589, and the total expenditure was Rs. 2,189, against the estimate of Rs. 2,298.

218. **Na'sik District.**—*Diversion of Sawalghát, on main line of Násik-Bulsár Road (Provincial).*—This work is for a very important diversion on the Násik-Bulsár road, the existing road having a gradient of about 1 in 8. The diversion is along a very steep hillside, and is about 4 miles long. The locality is sparsely populated and very unhealthy. Arrangements were made for bringing in outside labourers, and a number of Wadars were got on to the work; but, in February and March, cholera in the neighbouring villages hindered progress, and other difficulties also interfered with the progress, which, however, was on the whole fairly satisfactory. The expenditure in the year was Rs. 12,309, against the estimate of Rs. 37,837.

219. *Road from Dholbari to Shelbari (Local).*—Owing to the small grant, the progress of the works was slight, and comprised chiefly cutting in earth and muram, and earth embankment; the latter to the extent of about two miles having been completed. The expenditure during the year was Rs. 3,014, and the total expenditure has been Rs. 7,666, against the estimate of Rs. 34,348.

220. *Road from Ambegaon to Nanasighát (Local).*—The work on this road consisted of partial completion of earthwork, of three cross-drainage works, and collection of sufficient muram and metal for spreading on the surface of the road during next rains. The expenditure during the year was Rs. 775, and the total outlay Rs. 4,500, against the estimate of Rs. 7,599.

221. *Improving road surface from foot of Nanasighát to Barhe (Local).*—Progress on this work during the year was restricted to the collection of metal, which is to be spread and consolidated during the next monsoon. The expenditure during the year was Rs. 3,215, against the estimate of Rs. 4,403.

222. *Road from Harsul Thána to Goldari (Local).*—Sufficient quantity of stone metal was collected during the year under report for spreading and consolidating in the next rains, for the improvement of the road surface. The expenditure during the year was Rs. 1,809, against the estimate of Rs. 4,403.

223. **Kha'ndesh District.**—*Road from Amalner to Chopda: Section from Amalner to the Tápti River (Local).*—Work on this section made satisfactory progress, and the earthwork on 11·33 miles was completed. The muram surfacing and 5 masonry works are in hand. The expenditure of the year was Rs. 16,502, against the estimate of Rs. 67,429.

224. *Road from Amalner to Parola.*—This road is in continuation of that from Kájgaon Railway Station, on the G. I. P. Railway, to Parola. It crosses the Mhásavad-Dhulia road near Parola at the 24th mile-stone. It passes for half its length near Parola over muram ground, and for half the length near Amalner over brown or black soil. Its length is 12 miles; it is crossed by 27 nálas, of which 23 are provided with either culverts or drains, and one nála is crossed on the level. The only masonry work of importance is a bridge of 3 arches of 20 feet span each, over the Tadia Nála, close to Amalner, the estimated cost of which is Rs. 10,044. The earthworks, &c., are being executed by prison labour, on piece-work rates; over 1¼ miles, near Khokarpat, the earthworks are completed. Arrangements have been made to quarry stones and build the masonry works by petty contract. The expenditure during the year was Rs. 1,280, against the estimate of Rs. 67,633.

225. *North and South approaches to the River Tápti on the Dharangaon-Chopda Road (Local).*—The fresh project for the south approach near Sonkheda is in progress, and is expected to be completed before the end of September 1896. The work on the north approach has advanced so as to admit of its being completed in June 1896. The expenditure during the year was Rs. 8,099, against the estimate of Rs. 37,740.

226. *Road from the Tápti River to Chopda (Local).*—Seven miles of earthwork have been completed, and Rs. 18,705 spent, against the estimate of Rs. 51,234.

227. *Improvements to Bhadgaon-Talwada Road (Local).*—The whole of the earth and masonry work was completed, and due progress was made on muram surfacing, so as to admit of the whole road being rolled and consolidated by the end of September 1896. The expenditure during the year was Rs.2,424, against the estimate of Rs. 6,222.

228. *Road from Dondaicha to Sháháda (Local).*—The masonry dam across the Bhendwa Nála, which was the only obstruction to the traffic, has been constructed, and the road is now finally completed. The total outlay has been Rs. 1,21,295, against the estimate of Rs. 1,22,656, and the outlay during the year was Rs. 2,899.

229. *Metalling Songir-Nandurbár Road (Local).*—Road metal was collected to the extent of allotment, and Rs. 10,120 spent, against the estimate of Rs. 32,921.

230. *Metalling Erandol-Dharangaon Road (Local).*—The metalling of miles 2 and 3 were completed, and the remaining five miles will be completed before the end of November 1896. The expenditure during the year was Rs. 11,954, against the estimate of Rs. 20,174.

231. *Constructing Road from Duskheda to Anjala (Local).*—The whole of the earthwork and masonry works have been completed. The surfacing of muram, and its consolidation, will be finished in the rains of 1896-97, and the whole road will be completed before the end of March 1897. The expenditure during the year was Rs. 12,297, against the estimate of Rs. 24,718.

232. *Metalling Jalgaon-Jámner Road (Local).*—Ten miles have been metalled and consolidated. Metal for another 10 miles is ready, and that required for the remaining $2\frac{1}{4}$ miles is being collected for spreading before the rains of 1897. The total outlay has been Rs. 28,484, against the estimate of Rs. 41,458, and the expenditure during the year was Rs. 18,909.

233. *Improving road from Neri to Jámner.*—This work was completed during the year at a total outlay of Rs. 8,509, against the estimate of Rs. 9,104, the outlay during the year being Rs. 1,571.

234. *Metalling Chálisgaon-Outrámghát Road (Local).*—The 5th mile, which remained to be metalled at the close of the past year, was finished, and the work completed; the total outlay was Rs. 11,420, against the estimate of Rs. 14,278, and the expenditure during the year was Rs. 733.

235. *Metalling Sákri-Pimpalner Road (Local).*—Metal for the whole length of the road has been collected, and was spread and consolidated on $4\frac{1}{2}$ miles; the remaining 9 miles will be put in hand during the two following years. The total outlay has been Rs. 16,852, against the estimate of Rs. 21,999, and the expenditure during the year was Rs. 11,638.

236. *Road from Bhusával to Jalgaon (Local).*—The first section of this road, *viz.*, that from Bhusával to Sakegaon, 2·80 miles, has been completed, and also $6\frac{5}{8}$ miles of earthwork of the second section from Sakegaon to Jalgaon. Portion of the earthwork is delayed pending acquisition of land in three Survey numbers, the owners of which are unwilling to part with them. Muram was collected for surfacing and consolidation during the rains. Three masonry works are completed, and seven are in hand. The total outlay has been Rs. 28,179, against the estimate of Rs. 48,996, and the expenditure during the year was Rs. 16,648.

237. *Neri-Ajanta Road, portion in British Territory (Provincial).*—As stated in the last report, this work is being carried out by contract, and has made satisfactory progress; 16 miles of earthwork have been completed, and $\frac{1}{4}$ mile is in hand; $3\frac{5}{8}$ miles of muram surfacing have been completed, and $7\frac{3}{4}$ are in hand, and 7 masonry works have been completed and 3 are in hand. The total outlay has been Rs. 35,499, against the estimate of Rs. 95,890, and the expenditure during the year was Rs. 19,346.

238. *Roads in the Dángs: Jakriábari Ghat Road (Provincial).*—This road was completed during the year at a total outlay of Rs. 31,472, against the estimate of Rs. 32,702, the expenditure during the year being Rs. 3,386.

239. *Metalling Jalgaon-Dharangaon Road (Local).*—Owing to the small allotment, one mile only was completed. The total outlay has been Rs. 12,569, against the estimate of Rs. 14,462, the expenditure during the year being Rs. 2,890.

240. *Approaches to the Tápti River on the Nandurbár-Taloda Road (Local).*—These approaches are on the proposed line of road from Nandurbar to Taloda; both are so aligned that they run from highest flood level to bed level of the river, along the edge of the bank, entirely in cutting and down stream. By this method silting up is reduced to a minimum. The north approach is in progress, and about 167,809 cubic feet of earth cutting was done. The outlay was Rs. 2,008, against the estimate of Rs. 16,882.

241. *Masonry Dam at Shendurni (Local).*—A cart-track runs between the river Soona and the village of Shendurni in Táluka Pachora; this was cut up by the river, and during the floods the river water entered the village through a breach in the old dam, and it therefore became necessary to protect the village wall, and the road, by the construction of a new dam. The old dam being in a dilapidated condition, was pulled down. The length of the new dam is 185 feet, and two dips are provided in it to pass off rain-water and drainage from the village. The foundations have been completed, and the superstructure is in progress. The work is expected to be completed before the rains. The expenditure during the year was Rs. 904, against the estimate of Rs. 2,893.

242. **Belgaum District.**—*Road from Kudchi to Terdal (Local).*—The road is a short railway feeder, and was described in previous reports. The earth and the masonry works of section 1 were completed, and the collection of muram nearly so. In section 2 the earthwork, all the drains, and two out of six road dams were completed, and those in the remaining miles were in progress. The outlay to the end of the year was Rs. 38,885, against the estimate of Rs. 66,856.

243. *Metalling Saundatti-Dharwar Road (Local).*—51,245 cubic feet of metal were collected and stacked on the road-sides in miles Nos. 9 to 11, and 78,899 cubic feet of muram in miles Nos. 8 to 11. The materials will be spread and consolidated during the ensuing rains. The outlay to the close of the year amounted to Rs. 3,984, against the estimate of Rs. 7,832.

244. **Ratnagiri and Kolaba Districts.**—*Pen-Panvel Road from Kallikhind to Pálaspe, 5¾ miles (Local).*—This road was commenced in 1892-93. During the year the masonry works towards the Kallikhind side, and the unfinished works on the whole length were finished, and the whole road completed and opened for traffic. The total outlay to the end of the year was Rs. 48,174, against the estimate of Rs. 60,094.

245. **Bijapur District.**—*Road from Bijápur to Sindgi, 35½ miles, (Local).*—Improvements to this road were commenced, as a famine relief work, during 1891-92. The improvements have been in progress during the year, half the cost being contributed by Government from Provincial funds, and half from Local funds. The outlay to the end of the year was Rs. 71,234, against the estimate of Rs. 2,14,546.

246. *Road from Bijápur to Bagewadi (Local).*—The total length of this road is 24 miles. Improvements to the portion of this road from the Don Nála to Mangoli, 6⅙ miles, were in progress, the outlay to the end of the year being Rs. 22,660, against the estimate of Rs. 39,283.

247. *Almel-Pandharpur Road, portion from Almel to Sirdhan (Local)).*—Improvements to a portion of this road were in progress. The improvements consist of constructing drains, dips, culverts, providing good surface material, and banking and cutting wherever necessary. The outlay to the end of the year was Rs. 6,749, against the estimate of Rs. 99,906.

248. *Road from Bijápur to Indi (Local).*—Improvements to the portion of this road in miles 9 and 10, in progress last year, were completed during the year at an outlay of Rs. 3,509, against the estimate of Rs. 3,910.

249. *Road from Havin Hippargi to Telji, Section from Bágevádi to Telji, (Local).*—Improvements to a portion of this road from Bágevádi to Telji (19½ miles) were put in hand during the year. Funds for the work were provided from Local funds, aided by a Provincial contribution to the extent of half the cost. The outlay during the year was Rs. 3,307, against the estimate of Rs. 82,328.

III.— DISTRICT ROADS UNMETALLED AND UNRAISED.

250. **Na'sik District.**—*Masonry Bridge across the Godavári river at Násik (Municipal).*—A description of this work was given in the past year's report. During the year the Panchwati approach was nearly completed, but the spreading of materials and consolidation of the road surface remains to be done. Two slab drains were completed, but the 30 feet bridge was not quite finished by the end of March. On the Násik side difficulties were experienced in the foundations of the abutment of the last arch: rock was not met with at the depth anticipated, and the character of the soil in the very deep excavation proving treacherous, and requiring substantial shoring, the monsoon broke before the rock-level was reached, and the foundation pit had to be partially filled in again; after the rains this work was diligently prosecuted, and at length rock was found. A 4″ pulsometer, worked by a Cochrane boiler, sufficed to keep out the water, and by the end of the year the masonry of the abutment was nearly up to ground-level. On the portion of the bridge spanning the Godavari itself the piers and abutments were built up to springing, and the springers (weighing about 1 ton each) nearly all got into their places. The centres for three 60 feet arches were also constructed and set up, the one for the last arch of the Násik end proving especially troublesome, owing to there being deep pools of water. Unexpected difficulties were experienced in regard to the supply of skilled and unskilled labour, chiefly owing to the demand for the railway works in progress at Sholápur; and the construction of the five 60 feet arches, for which all the arrangements had been made, were practically brought to a stand-still, owing to a severe out-break of cholera at Násik and the adjacent villages, which resulted in the work-people, with their mukádams, deserting in large numbers, and it was found impossible to induce others to take their place. It was therefore decided to postpone the work till after the coming monsoon. The three 25 feet land arches were, however, completed on the Panchwati side, and the centres removed to the Násik side, where two 25 feet land arches remain to be built. The estimate (exclusive of tools and plant and establishment) is Rs. 1,33,326, and the total expenditure amounted to Rs. 1,05,364, the expenditure during the year having been Rs. 88,836.

251. **Ka'nara District.**—*Kumbhárvádi-Ulir Road (Local).*—Special repairs to timber-topped culverts and drains were in progress. The work of repairing 4 drains and 16 culverts, by renewal of the masonry and wood-work, was practically completed during the year, at a total cost of Rs. 3,664, against the estimate of Rs. 3,694.

IV.—VILLAGE ROADS.

252. **Sa'tara District.**—*Sátára-Kas Road, Section from Sátára to Yewteshwar (Local).*—The work of widening and improving this road was in progress during the year. The outlay during the year was Rs. 2,122, against the estimate of Rs. 6,215.

253. **Kara'chi District.**—*Road from Tatta to Jungshai (Local).*—This road, commenced last year, was completed at a cost of Rs. 11,920, against an estimate of Rs. 20,063. The large saving is due to certain culverts which were originally provided in the estimate, not having been carried out, because, since the construction of a regulator over the Kálri Canal, floods have been cut off, and the existing cross-drainage is deemed sufficient. This road was formerly subject to floods both from the canal and from breaches in the bund line: it has now been raised, for a length of about 6 miles, to a safe level above cultivation and rain floods.

254. **Surat and Broach Districts.**—*Bridge over the Khandali Nalla, on the Derol-Wagra Road (Local).*—This bridge was completed at a total cost of Rs. 3,597, of which Rs. 1,917 were expended during the year. The amount of the estimate is Rs. 3,606.

255. *Bridge over the Dérol-Wagra Road (Local).*—This bridge, estimated to cost Rs. 2,605, was commenced and completed during the year at a total cost of Rs. 2,601.

256. *Bridge over the Kanai Khadi, near Kultham, in the Jalálpore Táluka (Local).*—This bridge was completed at a total cost of Rs. 12,124, of which Rs. 3,383 were expended during the year, against the estimate of Rs. 12,725.

257. *Bridge at Itchápur in Olpád Táluka (Local).*—This bridge, estimated to cost Rs. 2,590, was commenced and completed during the year at a total cost of Rs. 2,588.

258. **Ahmedabad District.**—*Causeway across the Bhogawa, between Phedra Bridge and Gundi (Local).*—This causeway, estimated to cost Rs. 3825 and described in the last report, was in progress; the outlay during the year was Rs. 1,033, the total expenditure being Rs. 2,931.

V.—INSPECTION HOUSES AND OTHER BUILDINGS.

259. **Kha'ndesh District.**—An inspection bungalow at Erandol, on the Mhásavad-Dhulia Road, was in progress, and Rs. 1,962 were expended, against the estimate of Rs. 5,269.

260. An Inspection Bungalow at Sowkheda, estimated to cost Rs. 3,926, was completed at a total outlay of Rs. 4,008, the expenditure during the year being Rs. 2,179.

261. The Inspection Bungalow at Talwada, on the Kajgaon-Párola Road, mentioned in the last report, was completed at an outlay of Rs. 3,912, against the estimate of Rs. 3,991, the expenditure of the year being Rs. 2,905.

262. An Inspection Bungalow at Bhusával, estimated to cost Rs. 4,523, was completed during the year at a total outlay of Rs. 4,662, the outlay of the year being Rs. 2,671.

263. **Kaira District.**—An Inspection Bungalow at Borsad was completed at a total cost of Rs. 3,648, against the estimate of Rs. 3,651.

264. **Sa'ta'ra District.**—Inspection Bungalows at Bombavda, Koregaon, Waduz, Mhásavad and Raigaon on Local Fund roads, estimated to cost Rs. 3,819 3,844, 3,079, 3,401 and 2,877, respectively, were nearly completed at an outlay of Rs. 3,140, 2,923, 2,333, 2,218 and 2,172; and the Inspection Bungalow at Panmalyachiwadi, also on a Local Fund road, was in progress, and Rs. 672 expended, against the estimate of Rs. 3,141.

SURVEYS.

265. **Ahmednagar District.**—A survey was commenced and nearly completed for improving the alignment of the proposed Provincial road from Kotul to Bráhmanváda and to the Poona District frontier, which passes over high mountains, and will be 11 miles long. Surveys were carried out for the proposed Local road from Nevása to Shevgaon and Bhodigaon, and plans and estimate are now ready. Surveys were also carried out for constructing the Pimpri Station, Shrigonda, and Jámkhed Local Road from the Sina River to Jámkhed, and from Jámkhed to Khardah, and plans and estimates were in progress.

266. **Na'sik District.**—Survey estimates for improving the surface of the existing roads, and construction of new roads, especially in the Peint Táluka and in the Dáng part of the Dindori and Kalvan Tálukas, were sanctioned for the roads enumerated below. The progress during the year under report was restricted to field work only. Projects for almost all the roads will be drawn up and matured during the monsoon of 1896-97, and partial provision of funds for each of them will be made in the Budget for 1897-98 and subsequent years.

Karanjali-Harsul Road.
Nánasi to Peint *viâ* Jagmodi.
Kalvan to Abhona and Hatgad.
Wani to Khedgaon and Pimpalgaon.
Ghoti-Shet ghat.
Wani to Nánasighát.

267. **Kha'ndesh District.**—As stated in the last report, projects for the Kalamdraghát Road, the road to join the Jakriabári Ghát Road with Warsa, and

the Duraghát, in the Dángs, were being matured; the Ráisingpur Road survey has, however, been abandoned, the Collector of Khándesh having intimated the impossibility of providing the large amount, Rs. 1,18,119, required for this road, and, moreover, the Surat-Nandurbár Railway having been taken in hand, the necessity for this road is not so great as formerly.

The District Local Board propose to meet, as funds admit, the long-felt want for the following roads. Surveys for the most urgent of them were first undertaken, and the Sindkheda to Gorana Road, and the Chopda to Shirpur Road, have been surveyed, and the projects are being matured. The estimated cost of the surveys is Rs. 8,046, and the expenditure during the year has been Rs. 1,279.

Bhusával to Warangaon.
Warangaon to Edlabad.
Jamner to Pahur *viâ* Paldhi.
Pimpalner to Shelbarighát.
Pimpalner to Warsa.
Bodwad to Jámner.
Nandurbár to Brámhinwel.
Shirpur to Chopda.
Brámhinwel to Sakri.
Sindkheda to Gorana.

268. **Belgaum District.**—The survey of the road from Supa to Kowad, in progress last year, was completed during the year at an outlay of Rs. 619, against the estimate of Rs. 621; the survey of the road from Padshapur to Padshapur Railway Station was also completed during the year; as also the survey of the road from the village of Parasgad to the ferry on the Malprábha River.

269. **Sa'ta'ra District.**—The survey of the feeder road from Atit to Tasgaon was completed.

VI.—ACCOMMODATION FOR TRAVELLERS.

270. **Surat and Broach Districts.**—A Dharamshála at Ankleshwar was completed during the year at a total cost of Rs. 4,814, against the estimate of Rs. 4,844.

271. **Sa'ta'ra District.**—Additions and alterations to the Travellers' Bungalow at Panchgani, in progress last year, were completed during the year at a total outlay of Rs. 2,818, against the estimate of Rs. 2,811.

IX.—ARBORICULTURE.

272. *Thána District.*—On the Provincial roads the number of trees planted during the year was 2,078, out of which 1,125 died, giving a percentage of 46 surviving; the total of trees is thus increased from 15,217 to 16,170.

273. On the Local roads the number of trees planted during the year was 7,391, out of which 5,472 died, giving a percentage of 26 surviving; the total of the trees is thus increased from 23,962 to 25,881.

274. *Surat and Broach Districts.*—The roadside trees on the following three roads have been maintained from Provincial grants:—

1, Cantonment Road, Surat.
2, Road from Pardi to Chival.
3, Road from Daman to Wapi.

50 new trees were planted on the Cantonment Road, 453 on the Pardi-Chival Road, and 300 on the Daman-Wapi Road. 20 trees on the Cantonment Road, 96 on the Pardi-Chival Road, and 40 on the Daman-Wapi Road, died during the year.

275. *Kaira District.*—Two nurseries were maintained (one at Kaira, and the other at Wasna) in the Kaira Sub-division, at a cost of Rs. 60 each, during the year. The total number of trees transplanted from these nurseries was 221, against 170 last year. In other subdivisions seeds are sown on the road sides.

The trees on the Local Fund Roads in the Panch Mahâls are in charge of the Civil Department.

The following statement shows the number of trees on each road at the end of the year :—

	Opening Balance.	Planted during 1895-96.		Total Receipts.	Died and sold during 1895-96.	Closing Balance.
		Young Trees.	Cuttings.			
	1	2	3	4	5	6
Provincial.						
Road from Kapadvanj to Bibipura, including Ladwell Branch	15,502	...	...	15,502	12,153	3,349
Road from Limkheda to Jhalod, Provincial portion	1,442	...	109	1,551	42	1,509
Local.						
Road from Kaira to Mehmadabad ...	3,906	114	7	4,027	1,739	2,288
Do. Sabarmati River	8,251	529	3	8,783	4,512	4,271
Do. Nadiád to Wasna	8,184	508	8	8,700	3,692	5,008
Do. Barejri Railway Station to Náika	6,402	891	...	7,293	2,229	5,064
Do. Nadiád to Kapadvanj ...	9,043	468	...	9,511	2,594	6,917
Do. Dákor to Kapadvanj ...	7,396	...	...	7,396	3,211	4,185
Do. Pali to Balasinor	2,202	...	...	2,202	894	1,308
Do. Wasád to Borsád	3,136	...	256	3,392	393	2,994
Do. Petlád to Cambay, British Portion	3,340	...	...	3,340	3,129	211
Do. from Pali to Hungádi ...	236	...	...	236	68	168

276. *Ahmedabad District.*—Roadside trees have been planted and watered as under :—

Modása-Bibipura Road...	15
Harsol-Dhansura Road	97
Ahmedabad-Harsol Road	61
Extra Municipal Road, Ahmedabad	125
Road from foot of overbridge approach near Kalupur to Camp Ahmedabad	25

277. *Poona District.*—The roadside trees along the Provincial Roads in this District were properly maintained during the year, at an expenditure of Rs. 2,186.

278. *Sholapur District.*—Five nurseries were maintained for plants required for roadside trees. The following new trees were planted on roads during the year :—

Poona-Hyderabad Road	50
Barsi Station-Barsi Town Road	50
Bársi-Yedsi Road	50

After removing and selling dead and fallen trees, the number left on each road at the end of March 1896 was as under :—

Sholapur-Takli Road	8,148
Poona-Hyderabad Road	6,342
Cantonment Road	305
Barsi Station-Barsi Town Road	9,695
Barsi-Yedsi Road	1,511
Yedsi-Tadvala Road	1,423
Kuslumb-Yermala Road	140

The nursery at Bársi Road Station was handed over to the Barsi Light Railway Company for maintenance in January 1896, along with the Bársi

Station and Barsi Town Road. The total expenditure incurred on account of roadside trees in the district during the year was Rs. 1,166.

279. **Ahmednagar District.**—The trees on the Provincial roads in this district were maintained during the year at a total outlay of Rs. 917.

280. **Na'sik District.**—The number of trees planted and conserved, &c., along the Provincial Roads in the Násik District during the year, was as follows:—

	Number of trees planted.		Number of trees conserved.	
	Number.	Cost.	Number.	Cost.
		Rs.		Rs.
Bombay-Agra Road:—				
(1) From Kasárá Ghát to Pimpalgaon Basvant	135	25	2,684	199
(2) Pimpalgaon to Rahudghát	50	6	450	105
Násik-Poona Road	147	22	481	117
Násik-Balsád Road	200	50	2,400	92
Manmád-Kopargaon Road	155	19	432	98
Nándgaon-Aurangabad Road	29	4	280	65
	716	126	6,727	676

281. **Kha'ndesh District.**—Cuttings and young plants from nurseries were judiciously selected and planted early after the rains began, and watered regularly. The result is that the number of living trees is 5 per cent. more than that of last year, as shown in the subjoined statement:—

	Trees and cuttings planted.	Died.	Survived.
Bombay and Agra Road	803	220	583
Málegaon-Manmad Road	313	56	257
Dhulia Surat-Road	217	107	110
Dhulia-Chalisgaon Road	257	72	185
Total ...	1,590	455	1,135

The outlay has been Rs. 3,000.

282. **Belgaum District.**—71 trees were planted on the road from Belgaum to Korkop; and the existing trees were maintained on the following roads from the Provincial grant:—

1. Road from Poona to Bangalore, section from the Dudhganga to the Malprábha River.
2. Road from Belgaum to Bágalkot, section from Belgaum to Korkop.
3. Road from Belgaum to Vengurla, section from Belgaum to Amboli.
4. Road from Belgaum to Kárwár, section from Belgaum to Shitavde.
5. Road from Khánápur to Yellápur, section from Khánápur to Linganmath.

283. **Dha'rwa'r District.**—1,611 new trees were planted on the Poona-Bangalore Road, of which 763 survived; 248 on the Kárwár-Belláry Road, of which 172 survived; 647 on the Dhárwár-Goa road, of which 541 survived; 157 on the Hubli-Sholápur Road, of which 114 survived; 52 on the Hubli-Kumta Road, of which 23 survived; 879 on the Hávanur-Yekambi Road, of which 280 survived; 76 on the Dhárwár Railway Station Road, of which 38 survived; and 50 on the Dundur Railway Station Road, of which 22 survived.

The existing trees were maintained on the following roads during the year :—

1. Poona-Bangalore Road.
2. Kárwár-Belláry Road, Section from Sangtikop to Hubli.
3. Do. Section from Hubli to Gadag.
4. Do. Section from Gádag-Hesrur road.
5. Hubli-Kumta Road.
6. Dhárwár Railway Station Road.
7. Hávanur-Yekambi Road.
8. Hubli-Sholápur Road.
9. Dhárwar-Goa Road.
10. Dhundur Railway Station Road.

284. **Ka'nara District.**—No new trees were planted ; those planted before were tended, and the fences renewed, at a cost of Rs. 247. The road sides are mostly well provided with trees in Kánara.

285. **Ratna'giri and Kola'ba Districts.**—During the year no new road-side trees were planted in either of these districts, but the existing ones were maintained at a cost of Rs. 2,270.

286. **Sa'ta'ra District.**—The expenditure incurred on maintenance, &c. of roadside trees and nurseries was as follows :—

Provincial.

		Rs.
1.	Poona-Bangalore Road, Section from the Nira River to the Wárna River	753
2.	Karád-Chiplán Road	280
3.	Sátára-Shendra Road	106
4.	Surul-Mahábleshwar Road	201
5.	Karád-Bijápur Road	186
	Total Rs. ...	1,526

Local.

		Rs.
1.	Malhárpet-Pandharpur Road	251
2.	Tásgaon-Pingli Road	106
3.	Sátára-Tásgaon Road	67
4.	Waduz-Pusegaon Road	440
5.	Waduth-Pádli Road	253
6.	Sátára-Parli Road	115
7.	Wái-Wáthár Road	134
8.	Wái-Pachvad Road	43
9.	Keeping up Nursery at Borgaon	109
10.	Do. at Mámlatdár's Kacheri at Waduz ...	106
	Total Rs. ...	1,624

287. **Bija'pur District.**—The total expenditure under this head on watering and fencing road-side trees was Rs. 645, and on maintaining a nursery, Rs. 96. The following are the roads on which trees were maintained :—

1. Sholápur-Hubli Road Station, from the River Bhima near Tákli to the Málprabha near Konur.
2. Road from Relgaum to Bágalkot, Section from Kajidoni to Bágalkot.
3. Road from Bijápur to Miraj, Section from Bijápur to Honvad.

III.—MISCELLANEOUS PUBLIC IMPROVEMENTS.

288. The outlay under this head was Rs. 3,80,488, subdivided as follows :—

	Rs.
Original Works	2,78,938
Repairs	48,522
Establishment	49,815
Tools and Plant	3,213
Total ...	3,80,488

And the works carried out were as follows :—

5.—WATER-SUPPLY.

289. **Surat and Broach District.**—*Surat and Rander.*—The construction of the water-supply works was commenced, and an expenditure of Rs. 14,271 incurred during the year. The head works, which were in progress, consist of two supply wells in the river bed, two masonry towers for high-level reservoirs on the river bank, and quarters for the staff to be employed at the head works. The works progressed well towards the close of the year, and all of them, with the exception of the masonry towers, are expected to be completed by the end of May. Indents have been submitted for the two steel tanks, as well for the 22″ cast-iron main.

Towards the close of the year, the Municipality had under consideration proposals to extend the water-supply to the town of Ránder, on the opposite bank of the river, a wealthy resident of the latter town having offered to pay the whole cost of the extension. A revised project, embodying the extension to Ránder, was prepared, and is awaiting the final approval of the Surat Municipality. The revised project is estimated to cost Rs. 9,63,828, an excess over the original estimate of Rs. 1,13,929, owing to the enlargement of the main, &c., and to the provision of distribution pipes for the additional supply required for Ránder. In other respects, there is no alteration in the City distribution service, and but little in the design for the head works. The new scheme aims at providing 10 gallons per head per day to a population of 121,200 souls, the combined population of Surat and Ránder, with an allowance of 10 per cent for future expansion.

The supply will be drawn from wells sunk in the bed of the Tápti, about 3 miles up-stream from the city. These wells will be connected by cast-iron pipes laid under the river-bed, with sump wells under the engine-house on the river bank. The water will be filtered naturally through the gravel and sand of the river bed. The pumping engines are to be in duplicate, each of sufficient power to raise 1,212,000 gallons in 12 hours, to the top of the high-level reservoirs, a total height of 114 feet. The high level reservoirs are to be of steel, carried on masonry towers, and having a capacity of 150,000 gallons each. The outlet pipes from the two tanks unite in a common main, 22″ diameter, extending from the head works to the east end of the city, a distance of about 3 miles. From this point the principal main, common to Surat and Ránder, will diminish in size till, at the further end of Surat, it ends in an 8 inch main, which will be taken across the river, over the Hope Bridge, and continued to Ránder. From the mains branch-pipes will be laid for the distribution of the supply to all parts of the two towns. A sufficient number of service cisterns and hand and bullock services will be constructed in suitable localities, and provision has been made for a large number of hydrant stand-posts, fire-plugs, and the other usual accessories of a water-supply project.

290. **Kaira District.**—Improvements to the tanks at Saijpur and Alarsa, in the Kaira District, and Shera in the Panch Maháls, which were in progress during the last year, were completed at a total cost of Rs. 2,985, Rs. 2,534, and Rs. 3,492, respectively. Those at Vásna and Palej, in the Kaira District, are still in progress. Improvements are in progress to 9 smaller tanks in the Kaira District, and 4 in the Panch Maháls. Three wells in the Kaira District, and 3 wells in the Panch Maháls were completed; and 15 in the Kaira District, and one in the Panch Maháls, are under construction with a Government grant-in-aid.

291. **Ahmedabad District.**—A retaining wall round the Phedra Tank, estimated to cost Rs. 5,512, was in progress, and the outlay during the year was Rs. 200.

292. **Ahmednagar District.**—An arrangement was entered into with the Bhingár Municipality for the payment of Rs. 40 per mensem for the use of water from the Bhingár or Military aqueduct; and negotiations were in progress as to the payment by Government for the use of water from the Municipal duct within Cantonment limits, but no orders were received up to the end of the year. The Engineer to the Municipality drew up (in communication with the Sanitary Board) plans for improving the water-supply of the town of Ahmednagar, which have been approved, and the work commenced.

293. **Na'sik District.**—*Nasik.*—A masonry weir under the Godávari Bridge at Násik, in course of construction, designed to be 295 feet in length, 7 feet in breadth, and 8 feet in average height, with 11 openings and gates, was commenced during the year. The object of the weir is to flush the bathing ponds, which become very foul during the dry months, as well as to save the expense of making temporary dams annually. The sanctioned estimate amounts to Rs. 11,740 (including establishment and tools and plant charges), and the expenditure on the work was Rs. 9,037.

294. *Yeola.*—The project, amounting to Rs. 1,17,434, for improving the water supply of the town of Yeola, was matured and sanctioned during the year, and arrangements have been made for starting the works from April 1896. No expenditure was incurred during the year.

295. **Kha'ndesh District.**—Wells at Ajnad, Vikhran, and Amaltha were completed during the year, at an outlay of Rs. 3,007, Rs. 2,301, and Rs. 5,559, respectively, against the estimates of Rs. 2,540, Rs. 2,386, and Rs. 5,901, and the wells at Warpada and Sunpule, estimated to cost Rs. 5,682, and Rs. 4,240, were in progress, and Rs. 3,290 and Rs. 1,503 expended.

296. *Dhulia.*—The Dhulia water-works, described in previous reports, were in progress. The supply main is practically completed; the masonry chambers for valves, and the road along the pipe line from 5½ miles to the end near the service reservoir, have been completed. A small quantity of first class coursed rubble masonry and concrete arch and cement plastering to the service reservoir remained to be done. The south chamber having been practically completed, water was let through it from 1st April 1896. The total expenditure on the service reservoir was Rs. 27,371, against the estimate of Rs. 31,658. The service main is nearly completed, the only item remaining to be done being the fixing of a meter. Only a few standposts remain to be fixed; otherwise the work of town distribution is completed. The water-level in the tank was reduced from R. L. 1,130·10 to R. L. 1,129·43 at the end of the year, owing to water having been served to the town. The natural ground, in front of the waste weir, where it is of muram, having been scoured away, it is proposed to construct an apron of stones in lime, as a protection, before the rains. The total outlay has been Rs. 2,26,772, and the outlay of the year Rs. 27,730, against the estimate of Rs. 3,80,500 (exclusive of establishment and tools and plant).

297. *Jalgaon.*—The Mehrun Tank dam was repaired, and the top brought to proper level, at an outlay of Rs. 1,376. A project for improvements to the supply main, &c., and water service in the town, which is not efficient, has been drawn up, and will be shortly submitted for sanction.

298. *Málegaon.*—The possibility of supplying water from the Mosam River by gravitation to the town of Málegaon, which is yearly increasing in population, was considered and abandoned; and a proposal to supply the water of the Girna River by lift to the town is under consideration.

299. *Nandurbar.*—A survey for a water-supply scheme for the town of Nandurbár was undertaken during the year, and Rs. 924 expended.

300. **Belgaum District.**—Improvements to the Nipáni water-supply, estimated to cost Rs. 2,685, were in progress during the year, and Rs. 1,289 expended in the purchase of cast-iron spigot and socket pipes. The well at Nágnur, in progress last year, was practically completed at an outlay of Rs. 3,587, against the estimate of Rs. 3,908; wells at Jalikatti and Yadravi were in progress during the year, the outlay being Rs. 484 and Rs. 440, against the estimates of Rs. 2,689 and 2,984, respectively; and the work on the well at Venkatápur, in progress last year, was stopped early in the year, there being no hope of reaching water.

301. **Dha'rwa'r District.**—*Hubli.*—As stated in the last report, the Hubli water-works were practically completed last year, and handed over to the Municipality. Since then the amount of the estimate, owing to excess on the item of land compensation, was increased to Rs. 4,87,871; and the expenditure incurred during the year consisted of payment of land compensation, fees to the Chemical Analyser on account of water tests carried out, and providing a washing-out arrangement at the pumping station; the total outlay to the end of the year

being Rs. 4,82,466. Plans and estimates for the extension of the distribution, amounting to Rs. 44,913, were prepared and submitted.

302. Survey of the feed channel of the Moti Taláv at Savanur was completed, and the project is under preparation.

303. **Ratna'giri and Kola'ba Districts.**—*Panvel.*—These water-works, described in previous reports, were in progress during the year. The main line of piping, 8½ miles long, the service reservoir, and the three masonry cisterns for the town distribution were completed. The fourth cistern, about which there was an unavoidable delay in acquiring the site, was also commenced and completed. The work as per sanctioned estimate is nearly completed, but fresh proposals for erecting stand-pipes and cattle-troughs, &c., from the savings are under consideration. The outlay to the end of the year was Rs. 93,369, against the estimate of Rs. 1,10,831.

304. **Bija'pur District.**—Wells at Sunaj, Tumbermati, Jumatti, Hulgeri and Dammur were in progress during the year, the outlay being Rs. 1,259, 225, 332, 16, and 2,482, against the estimates of Rs. 3,268, 3,685, 4,134, 2,658 and 2,798, respectively. The construction of the well at Sunaj has, however, since been abandoned, owing to failure to obtain water at a reasonable depth.

6.—SEWERAGE AND DRAINAGE.

305. **Kaira District.**—The work of drainage round the town of Nadiád, in progress during the last year, was completed at a total cost of Rs. 13,076, of which Rs. 4,921 were spent during the year. The Sanitary Commissioner having proposed to deepen this channel two feet more, the work is not yet reported complete. The sanctioned estimate amounted to Rs. 13,406.

306. **Ahmedabad District.**—*Ahmedabad.*—The remaining experimental portion of Mr. Baldwin Latham's Sewerage project, referred to in the last report, was in progress, and during the year a sum of Rs. 20,447 was expended; it is anticipated that this work will be completed before the setting in of the monsoon. The total estimated cost is Rs. 1,04,563, and the total outlay to the end of the year was Rs. 58,646.

307. **Na'sik District.**—*Nasik.*—A preliminary project in connection with the drainage of the town of Násik was begun during the year. The estimated cost of the project, as originally prepared, amounted to Rs. 10,129, and provided for (1) a flushing tank at head of drain; (2) cutting; (3) manholes; (4) stoneware piping; and (5) ventilating pipes. With a view to the completion of the work before the approaching Sinhast, in about August 1896, the work on this estimate was begun at once. A revised design for the flushing tank and ventilators, including other sub-heads, amounting in the aggregate to Rs. 12,539, was subsequently prepared and sanctioned. The excavation from Sundar Narayan to Baláji's temple was completed, and the building of manholes and the laying of pipes made some progress; foundations in connection with the flushing arrangements are being excavated, and all the 9″ stone-ware pipes have been received. The portions excavated will be completed before the monsoon sets in. The amount of contribution received was Rs. 12,539, and the expenditure during the year was Rs. 3,973.

308. **Kha'ndesh District.**—The Dhulia drainage scheme was under consideration.

309. **Dha'rwa'r District.**—*Hubli.*—The drainage of the town of Hubli is under the consideration of the Municipality, as to the suitability or otherwise of an under-ground system.

310. **Bija'pur District.**—The work of providing drainage to the Arkilla Moat at Bijápur, to allow of its being emptied when desired, was in progress. The work has, however, been suspended for a considerable time, pending revision of the original estimate. The outlay to the end of the year was Rs. 2,448, against the estimate of Rs. 3,377.

10.—MISCELLANEOUS.

311. **Bombay.**—Progress was continued on the work of strengthening the existing dry rubble stone pitching of the Foreshore at Back Bay, and Rs. 5,000

were expended during the year, bringing the outlay to Rs. 33,570, against the estimate of Rs. 72,283.

312. A length of 280 running feet of old crib-work between the Marine Lines and the Charney Road Stations, was filled in with lime concrete, faced with rough dressed stones, pointed with cement, and backed with dry rubble stone, hand-packed. Rs. 10,000 were expended during the year, against the sanctioned estimate of Rs. 45,901.

313. **Surat and Broach Districts.**—*Surat.*—A groyne on the left bank of the River Tápti, and near the Hope Bridge, commenced last year with the object of protecting the Castle and other public buildings on the river bank, was completed during the year, and its beneficial effect is very marked.

The two new groynes constructed on the right bank of the river in the two previous years, at a total cost of Rs. 8,308, have fully answered the expectations formed of them. They have stopped further erosion, intercepted a large amount of silt, and have commenced to make the desired deep channel towards mid-stream, tending to ensure the safety of the west approach of the Hope Bridge.

A new groyne was constructed during the year on the up-stream side of Mulla Khadi, on the left bank of the River Tápti, and somewhat above the town of Surat. The object was to divert the river and save the bathing-ghát at Mulla Bari, the former groyne at which place was wrecked during floods, and in front of which a deep pool, dangerous to people washing and bathing, had been formed. This work has, so far, been a success. The cost was Rs. 2,552, which was contributed by the Municipality.

The beneficial effects of the river groynes may be stated as follows: generally there has been a deposit of silt on either bank opposite Surat, *i.e.*, from Mulla Khári to the Hope Bridge, causing a recession therefrom of the low water line; the large island, moreover, which had formed in the centre of the river, and had become a grazing ground in the cold and hot weather, has been in great measure swept away.

314. The works for protecting the City of Surat from the floods of the Tápti River, described in the last report, have been completed and handed over to the Municipality, with the exception of the Gastipura section, which has made good progress, and will be completed before the ensuing monsoon. Rs. 3,278 were expended during the year, and Rs. 1,37,652 from the commencement, against the sanctioned estimate of Rs. 1,73,597.

315. *Bulsar.*—A groyne for the left bank of the Auranga River, near Bulsar, estimated to cost Rs. 2,870, was sanctioned, and the materials required were collected at a total cost of Rs. 1,321; but progress was stopped, pending discussion of a revised estimate.

316. **Kaira District.**—Sanction was given, at the end of the year, to the construction of some groynes at Lali, to protect the village from the encroachment of the Khári River. The works consist of cutting through the elbow of the River Khári, and building a wooden groyne to turn the river into the new channel now made. Materials were purchased to the extent of Rs. 799. The effects of the groyne will be reported next year.

317. **Bijapur District.**—*Bijápur.*—The supplementary programme of clearance of prickly pear by convicts, described in previous reports, having been transferred, in December 1893, to the Jail Department, the work was carried out by that department; but the charges incurred on account of supervision of work, &c., have been debited to this department. The total outlay to the end of the year was Rs. 2,23,462, against the estimate of Rs. 2,57,873.

318. **Karachi Canals District.**—*Protective Bund, Kotri.*—This bund, which is intended to protect the interests of Government, as well as those of the Railway, the District Board, and the Municipality, from such river flood disasters as the one which occurred during the inundation season of 1894, was taken in hand during the year; the estimated cost being Rs. 19,187 (exclusive of establishment and tools and plant), towards which the Government contribution amounts to Rs. 8,187. The outlay of the year was confined to the contributions from the North-Western Railway, the Local Boards, and the Municipality

APPENDICES (A to F)

TO THE

ADMINISTRATION REPORT OF CIVIL WORKS

FOR THE YEAR

1895-96.

B 504—10

APPENDIX A.

Statement showing the actual Expenditure incurred on the preservation of Buildings of Historical and Architectural interest from 1891-92 to 1895-96.

	1891-92.	1892-93.	1893-94.	1894-95.	1895-96.	
	Rs.	Rs.	Rs.	Rs.	Rs.	
Original Works.						
Alterations to door pivots and sockets and strengthening wall by a cross-wall in Azam Khan's Palace, Ahmedabad	360	...	...	...	2,254	Formerly used as District Jail: a portion of this is being converted into a Post Office.
Masonry steps from the rear terrace of the Main Shahi Bag to the Garden, Ahmedabad.	463	...	...	...	...	Used as private residence by the Commissioner, N. D.
Providing water-supply to the Main Shahi Bag, Ahmedabad	992	...	...	...	...	
Restoring Gondeshwar's Temple at Sinnar ...	...	...	...	245	293	
Verandah to the servants' quarters in the compound of the Main Shahi Bag, Ahmedabad	...	...	...	...	218	
Increased accommodation in the Main Shahi Bag, Ahmedabad	...	...	...	...	761	
Total, Original Works ...	1,815	...	...	245	3,526	
Repairs.						
Repairs to Syed Oosman's Rozab, Ahmedabad.	313	...	...	...	758	
Repairs to the Rozah of Shah Alam, near Ahmedabad	(*a*) 3,255	(*b*) 753	(*c*) 2,231	...	(*d*) 985	(*a*) Contribution work, exclusive of Establishment ... ... Rs. 390 Tools and Plant. 49
Barbed wire fencing to improve the approach to carved windows in rear of Sidhi Syed's Mosque, Ahmedabad	82	...	...	...	...	(*b*) Contribution work, exclusive of Establishment ... ... 90 Tools and Plant. 11
Repairing Mallek Allam's Mosque near Sháhálam, in the Dáni Limda village boundary, Ahmedabad District	236	...	...	...	...	(*c*) Contribution work, exclusive of Establishment ... ... 267 Tools and Plant. 33
Repairs to Fateh Mosque, Ahmedabad	175	...	...	...	1,095	(*d*) Contribution work, exclusive of Establishment ... ... 118 Tools and Plant. 15
Clearing and removing seedlings from the Daáda Hari's well, and Mallek Allam's Mosque, Ahmedabad	2	13	...	...	...	
Repairs to Báwa Lolli's Mosque, Ahmedabad .	1,220	...	...	514	...	
Do. to Mohafiz Khán's Mosque, Ahmedabad	159	...	(*e*) 158	108	324	(*e*) Contribution work, exclusive of Establishment ... ... 36 Tools and Plant. 2
Improving the state of the Achut Bibi's Mosque, Ahmedabad	323	...	...	...	...	
Azam Khán's Palace, Ahmedabad ...	572	831	236	313	281	Formerly used as District Jail.
Shahi Bag do.	672	428	1,797	628	601	Used as private residence by the Commissioner, N. D.
Sidhi Syed's Mosque, do.	155	85	75	90	60	Used as record-room of Mámlatdár of Daskrohi.
Ibrahim Syed's Tomb and Mahomed Amikhán's Mosque and Rozah, Ahmedabad ...	383	357	236	421	367	Used as residence and office of the Executive Engineer, Ahmedabad.
Repairs to Sultan Ahmed's Masjid in Bhadar, Ahmedabad	...	2,059	318	...	...	
Do. to Sidhi Basir's Mosque, near the Ahmedabad Railway Station ...	...	56	...	...	...	
Raising a compound wall and a door to Ráni Sipri's Mosque, Ahmedabad	...	250	...	...	...	
Repairs to Ráni's Mosque at Kocharap, near Ahmedabad	...	299	427	162	150	
	7,547	5,131	5,478	2,236	4,621	
Carried over ...	1,815	...	..	245	3,526	

APPENDIX A—*continued.*

	1891-92.	1892-93.	1893-94.	1894-95.	1895-96.
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	1,815	...	...	245	3,526
	7,547	5,131	5,478	2,236	4,621
Repairs to Mosque of Mahomed Ghoos Gwaliari of Ektoda Masjid (Sarangpur) in the City, Ahmedabad ...	...	271	...	...	...
Do. to step-well at Adalaj	...	37	...	...	...
Do. to the Rozah at Batwa	...	...	242	408	197
Raising the partition wall to the Ráni Sipri's Mosque, to a height of 7 feet, Ahmedabad...	...	...	44	...	...
Repairs to Ráni Sipri's Mosque, Ahmedabad .	...	...	87	33	123
Do. to Abu Torrob's Rozah in Barampur village boundary, Survey No. 99, near Ahmedabad... ...	...	...	453	84	...
Do. to Mallek Sarang's Mosque and Tomb (Sarangpur) in the City of Ahmedabad	...	...	481	...	...
Do. to Bibiji's Mosque at Rájpur-Hirpur, near Ahmedabad	...	...	931	472	447
Do. to Mallek Shahaban's Tomb in Rokhial, near Ahmedabad	...	...	385	419	...
Do. to Mallek Sarang's Masjid and Ráni Bibi's Rozah at Sarangpur in the City of Ahmedabad	...	...	270	...	...
Clearing Dada Hari's well at Ahmedabad ...	...	...	...	9	...
Repairs to Mosque and Tomb of Achut Bibi at Kajipur, Register No. 19, near Ahmedabad	...	...	...	673	148
Do. to Mosque and Tomb of Syed Oosman at Oosmanpur, Register No. 16, near Ahmedabad	...	...	...	753	8
Clearing archæological works in and out of the City of Ahmedabad	...	...	...	...	211
Repairs to Ráni's Mosque, Sarangpur, Ahmedabad	...	...	...	...	623
Do. to Syed Ibrahim's Mosque outside the Astodia Gate, Ahmedabad ...	...	...	...	...	342
Do. to Khan Mosque at Dholka ...	...	...	...	...	125
Tomb of General Wedderburn, Broach ...	6	4	6	6	6
„ of Captain Simpee do. ...					
English, Dutch, and Armenian Cemeteries at Surat	394	355	389	379	373
Rozah at Mehmadabad ...	...	49	50	45	51
Juma Masjid, Champáner ...	...	1,011	1,197	56	217
Nawaj do. do. ...	...	51	...	25	20
Wandra do. do. ...	...	123	27	15	10
Rozah in front of do. ... Kaira and	299	...	23	10	10
Rozah near Ptar Tank do. ... Panch Mahals	...	115	45	36	17
Gateway to Fort do. ... Districts.	...	25	...	...	20
Nagina Masjid do. ...	...	178	31	15	10
Rozah in front of do. ...	...	...	...	10	10
Shikundharsha's Rozah, Hálol.	...	74	25	20	20
Maintaining the Caves at Elephanta ...					
Current Repairs to Piers and Caves at Elephanta	1,695	1,522	1,608	1,541	1,545
Do. to Buildings at Elephanta ...					
Special Repairs to the Elephanta Pier ...	...	...	...	...	790
Do. to the temple at Ambarnáth, Thána District	...	69	...	...	...
Repairs to monument at Koregaon, Poona District	80	80	50	50	70
Special Repairs to the Temples of Shiva and Doorga at Balsane, Khándesh District ...	...	...	91	697	255
	10,021	9,095	11,913	7,992	10,269
Carried over ...	1,815	...	...	245	3,526

APPENDIX A—*continued.*

	1891-92.	1892-93.	1893-94.	1894-95.	1895-96.	
	Rs.	Rs.	Rs.	Rs.	Rs.	
Brought forward ...	1,815	...	...	245	3,526	
	10,021	9,095	11,913	7,992	10,269	
Current repairs to the old Mahomedan buildings at Bijápur	1,593	1,433	1,567	1,594	1,574	
Repairs to Gol Gumbaz at do. ...	1,087	3,238	2,499	3,067	—886	
Current repairs to Dawal Yákut Mahál at Bijápur	102	97	97	84	79	
Special repairs to do. at do. ...	46	...	...	...	...	
Repairs to the Ibrahim Rozah at Bijápur ...	1,569	759	948	1,855	2,247	
Adawlat Mahál (Collector's residence) at Bijápur	219	225	218	220	274	
Anand Mahál (Assistant Collector's and Judge's residence) at Bijápur	270	252	268	259	267	
Arash Mahál (Civil Surgeon's residence) at Bijápur	148	146	146	144	155	
China Mahál (Police Superintendent's residence) at Bijápur	148	147	160	149	154	
Portion of Two Sisters (Executive Engineer's residence and office) at Bijápur ...	135	135	130	129	142	
Granary (public offices) at do. ...	673	649	669	654	582	
Musjid near Gol Gumbaz (Travellers' Bungalow) at Bijápur	155	159	158	160	151	
Edga (Head-quarters Police Lines) at Bijápur.	487	480	458	449	462	
Serai (District Jail) at do. ...	290	550	390	308	375	
Gagan Mahál Gateway (English Church) at Bijápur	42	56	59	57	60	
An old building in the Arkilla converted into Mámlatdár's Kacheri at Bijápur ...	98	98	100	100	90	
An old building outside the Arkilla converted into High School at Bijápur	139	229	205	150	137	
Part of the Granary Quadrangle converted into Agricultural Record-room, Bijápur ...	36	35	29	30	28	
Special repairs to the Dome and Masjid of Shah Nawaz Khan at Bijápur	...	...	1,031	...	...	
Special repairs to the cornice of the Mosque attached to the Gol Gumbaz at Bijápur ...	...	...	...	...	201	
Preserving the caves at Bádámi, Bijápur District	24	22	24	24	24	
Special repairs to do. do. ...	...	...	39	...	...	
Repairs to the Tomb of Shiwaji on Ráigad Fort, Kolába District	...	...	25	...	...	
Special Repairs to the Mosque at Dabhol, Ratnágiri District	...	2,365	584	...	...	
Two Tombs at Hukeri, No. 1 used as a District Bungalow, and No. 2 used as office by Officer occupying the Tomb No. 1, Belgaum District	31	*468	40	40	†324	*Includes renewing roof. † Do. additions and alterations.
New Adawlat Wada at Sátára, used as District and Subordinate Judges' Courts, Collector's Record-room, and District Forest Officer's Office	956	1,046	1,037	898	817	
Old Palace, Sátára, used as High School ...	630	644	649	570	592	
Rang Mahál buildings at Sátára	44	3	...	...	...	Sold.
Pratapgad gate	...	...	...	5	‡98	‡ Includes repairs to the tomb of Afzulkhan.
Jetappa Naikanna Chandranatheshwar Basti at Bhatkal	...	...	...	...	69	
Repairs to General John Jacob's Tomb at Jacobabad...	21	19	...	...	...	
Do. to Miani Monuments near Hyderabad.	...	46	52	28	49	
Do. to Duba Monument, Hyderabad ...	...	...	...	18	18	
Do. to Mir Nur Mahomed's Tomb in Moro Táluka	...	...	...	1,048	...	
Do. to Juma Masjid at Tatta, Contribution towards—...	...	...	2,500	...	...	
Total Repairs ...	18,964	22,396	25,995	20,032	18,352	
Grand Total ...	20,779	22,396	25,995	20,277	21,878	

APPENDIX B.

STATEMENT SHOWING THE OUTLAY INCURRED ON POLICE BUILDINGS DURING THE YEAR 1895-96.

District.	Locality.	Name of Work.	Number of men to be accommodated.	Estimated Cost.	Expended during the year.	Remarks.
				Rs.	Rs.	
Presidency ...	Bombay ...	Additions and alterations to the Police Court Buildings, Girgaum.	...	2,091	1,851	Completed.
Do. ...	Do. ...	Providing drainage to the old Resident Surgeon's quarters in the European General Hospital.	...	1,081	1,032	Do.
Do. ...	Do. ...	Construction of 48 wooden chaukis for the City Police.	...	19,156	6,635	Do.
Do. ...	Do. ...	Head-quarters, Police Offices and Lines, near the Arthur Crawford Markets.	...	3,05,746	1,25,000	In progress.
Thána	Nyahadi ...	Police Lines	4	1,196	977	Completed.
Do.	Shahapur ...	Do.	21	5,552	4,349	In progress.
Do.	Palkhane ...	Do.	5	1,414	1,414	Completed.
Do.	Malad... ...	Do.	5	1,514	1,514	Do.
Do.	Pachápur ...	Do.	4	1,116	1,116	Do.
Do.	Kudus ...	Do.	6	1,763	1,460	In progress.
Do.	Ambewali ...	Do.	5	1,681	988	Do.
Do.	Khandus ...	Do.	5	1,746	943	Do.
Do.	Mahim ...	Constructing 2 bathing platforms for Police Lines.	...	149	150	Completed.
Do.	Kalyán ...	Latrines for Police (new pattern) ...	...	171	171	Do.
Surat	Chikhli ...	Police Lines	29	11,161	420	Do.
Do.	Bodhan ...	Do.	6	1,747	1,800	Do.
Do.	Anita	Do.	3	1,114	1,164	Do.
Do.	Soyen ...	Do.	4	1,640	1,630	Practically completed.
Broach... ...	Broach ...	Additions and alterations to the Police Lines.	28	1,044	1,041	Completed.
Do.	Do. ...	Providing pigeon-holes in the head-quarter Chief Constable's office in the Police Lines.	...	38	38	Do.
Do.	Wagra ...	Providing cement floor to the Chief Constable's office.	...	89	89	Do.
Do.	Kadod ...	Providing parapet wall and pulley to well in the compound of the Police Lines.	...	91	87	Do.
Do.	Broach ...	Enclosing with wire fencing the compound of Police Lines.	...	695	162	Do.
Kaira	Mátar... ...	Police Lines	34	10,329	5,597	In progress.
Do.	Kaira	Construction of latrines for the head-quarters Police Lines.	...	1,340	673	Completed.
Do.	Kapadvanj ...	Police Lines.	41	14,055	6,981	In progress.
Do.	Tando ...	Do.	9	2,736	2,340	Do.
Do.	Thásra ...	Providing wooden railing to the Chief Constable's office.	...	23	22	Completed.
Do.	Kaira	Additions and alterations to the Police Superintendent's Bungalow.	...	3,870	2,493	In progress.
Ahmedabad ...	Dhandhuka ...	Police Lines	45	14,261	5,166	Do.
Do. ...	Sábarmati Railway Station.	New Police Lines...	5	1,940	987	Do.
Mahi Kántha ...	Wakhtapur ...	Police Lines and Thánadar's Kacheri ...	21	15,751	2,744	Completed.
Sholápur ...	Sholápur ...	Head-quarters Police Lines	140	43,991	8,421	In progress.
Ahmednagar...	Sonai	Police Lines	6	2,480	930	Do.
Do. ...	Bári	Do.	4	1,677	803	Do.
Do. ...	Akola	Restoring the burnt portion of the Police Lines for Treasury Guard.	7	570	569	Completed.
Do. ...	Do.	Constructing bathing-places for the Treasury Guard.	...	212	210	Do.
Násik	Peint	Police Lines	18	13,323	3,022	In progress.
Do.	Sinnar... ...	Do. (quarters for Treasury Guard only).	30	10,732	761	Do.
Do.	Námpur ...	Providing wire fencing round the Police Lines.	...	441	249	Do.
Khándesh ...	Boris	Lines for the Police outpost	4	1,058	112	Completed.
Do. ...	Rudawali ...	Do. do.	4	1,358	85	Do.
Do. ...	Bhatpura ...	Do. do.	4	1,829	178	Do.
Do. ...	Chálisgaon ...	Wire fencing round the Police Lines ...	...	162	14	Do.
Do. ...	Shirpur ...	Lines for the Armed Police	18	4,821	48	Do.
Do. ...	Bhusáwal ...	Substituting a tiled roof for dhaba terraced roof of the Treasury Guard Police Lines.	12	1,355	1,328	Do.
Do. ...	Do. ...	Substituting a tiled roof for the Jail Police Lines.	18	2,028	2,019	Do.
Do. ...	Ghodegaon ...	Lines for the Police Outpost	4	1,752	1	Do.
Do. ...	Rinkheda ...	Do. do.	4	1,099	2	Do.
Do. ...	Pál	Do. do.	3	943	401	Do.
		Carried over ...	556	5,16,136	2,00,187	

District.	Locality.	Name of Work.	Number of men to be accommodated.	Estimated Cost.	Expended during the year.	Remarks.
				Rs.	Rs.	
		Brought forward ...	556	5,16,136	2,00,187	
Khándesh ...	Anjala ...	Lines for the Police Outpost	3	1,289	1,206	Completed.
Do. ...	Dhulia ...	Additions and alterations to the office of the Superintendent of Police, Khándesh, building No. 351.	...	246	244	Do.
Do. ...	Málegaon ...	Constructing screen walls in front of premises belonging to the Police Lines.	...	27	27	Do.
Do. ...	Bhusawál ...	Police Lines	34	11,413	7,003	In progress.
Do. ...	Tálwada ...	Lock-up	...	1,076	986	Completed.
Do. ...	Lohara ...	Police Lines	9	2,700	1,745	In progress.
Do. ...	Dahigaon ...	Police outpost	5	1,689	874	Do.
Do. ...	Mukti... ...	Providing weather-boards to the ventilators below eaves on the north side of the Police Lines.	...	126	91	Completed.
Poona	Poona	Lines for the City Police	272	78,174	40,003	In progress.
Do.	Do.	Quarters for police and fire engine shed at Bolai Chauki.	7	6,342	2,328	Completed.
Do.	Do.	Making secure a lock-up of the Police Station (Faraskhana).	...	282	281	Do.
Do.	Junnar ...	Providing ventilators for the new Police Lines.	...	37	36	Do.
Do.	Ghoda ...	Providing dwarf walls in the verandah of the Police Lines.	...	111	110	Do.
Sátára	Dáhivádi ...	Police Lines for the Treasury Guard in connection with the new Mámlatdár's Kacheri, with bathing platforms.	10	3,406	2,856	Completed.
Bijápur ...	Honwad ...	Police Lines	4	1,823	1,823	Do.
Do. ...	Bagewádi ...	Do.	19	7,477	6,723	In progress.
Shikárpur Canals.	Shikárpur ...	Constructing Fauzdári and lock-up ...	*20	9,845	9,800	Completed. *For lock-up only.
Do. ...	Mirpur Mathelo.	Additions and alterations to the Police Thána.	15	9,294	3,000	In progress.
Do. ...	Ubaoro ...	Do. do. ...	12	500	482	Completed.
Do. ..	Shikárpur ...	Re-roofing the family lines for Police Head quarters.	26	2,635	2,635	Do.
Ghár Canals ...	Lárkhána ...	Additions and alterations to the Táluka Police Lines.	29	3,700	3,792	Do.
Do. ...	Do. ...	Providing punkha and reed chicks for office attached to the Town Police Chauki.	...	42	41	Do.
Do. ...	Waráh ...	Additions and alterations to the Chief Constable's office.	...	284	277	Do.
Karáchi Canals.	Karáchi ...	Quarters for the Head Constables of the Rural Police Lines.	8	5,416	3,499	In progress.
Eastern Nara...	Phuladi ...	Providing additional quarters in the Thana for the Police Munshi.	1	336	325	Completed.
Do. ...	Umarkot ...	Paving Police Quarter Guard	...	110	107	Do.
Do. ...	Kipra... ...	Stables for Police Lines	...	998	940	Do.
Do. ...	Sanghar ...	Constructing shelves for record and store-room in Police office.	...	155	143	Do.
Do. ...	Umarkot ...	Making additions and alterations in married men's quarters in the Mounted Police Lines.	...	255	226	Do.
Hyderabad Canals.	Sháhdádpur ...	Constructing 4 rooms in Police Lines ...	8	2,837	1,500	In progress.
Do. ...	Tando Adam...	Additions to Police Lines	14	2,780	2,672	Completed.
Fuleli Canals ...	Talhar ...	Paving floor of Police Lines	...	487	447	Do.
Do. ...	Do.	Providing a covered passage in front of lock-up.	...	209	200	Do.
Do. ...	Tando Gulam Hyder.	Additional rooms in the cattle-pound and small cook-room.	...	1,280	1,312	Do.
Do. ...	Hyderabad ...	Latrine for the old Police Lines ...	...	75	71	Do.
		Total ...	1,053	6,73,092	2,97,992	

APPENDIX C.

STATEMENT SHOWING THE EXPENDITURE INCURRED ON WORKS ESTABLISHMENTS IN THE UNDERMENTIONED DISTRICTS DURING THE YEAR 1895-96, AND THE PERCENTAGE IT BEARS TO THE OUTLAY ON WORKS AND REPAIRS PROPER.

No.	Divisions and Districts.	Outlay on						Total Contract and Departmental, Columns 5 and 8.	Cost of Work Establishment sanctioned by			Percentage (Column 12 bears to Column 9).
		By Contract.			By Departmental Agency.				Chief or Superintending Engineer.	Executive Engineer.	Total.	
		Original Works including additions and alterations and improvements and extensions.	Repairs.	Total.	Original Works including additions and alterations and improvements and extensions.	Repairs.	Total.					
1	2	3	4	5	6	7	8	9	10	11	12	13
	Northern Division.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Presidency	3,28,495	65,912	3,94,407	11,178	61,094	72,272	4,66,679	6,849	8,895	15,744	3·49
					Deduct Est	ablishment	charges ...	—15,744				
								4,50,935				
2	Thána	4,957	...	4,957	1,13,184	1,22,439	2,35,623	2,40,580	2,382	6,143	8,525	3·54
3	Surat and Broach ...	87,743	13,186	1,00,929	1,41,668	80,288	2,21,956	3,22,885	2,343	9,634	11,977	3·71
4	Kaira and Panch Mahals	...	...	...	1,64,805	78,210	2,43,015	2,43,015	2,884	8,526	11,410	4·70
5	Ahmedabad	5,706	...	5,706	2,07,614	1,30,073	3,37,687	3,43,393	3,461	11,598	15,059	4·39
	Total, N. D. ...	4,26,901	79,098	5,05,999	6,38,449	4,72,104	11,10,553	16,16,552	17,919	44,796	62,715	3·92
					Deduct Est	ablishment	charges ...	—15,744				
								16,00,808				
	Central Division.											
6	Násik	15,054	...	15,054	1,51,972	82,680	2,34,652	2,49,706	2,721	11,936	14,657	5·87
7	Ahmednagar... ...	52,714	23,995	76,709	36,830	90,190	1,27,020	2,03,729	3,153	8,444	11,597	5·69
8	Sholápur	8,541	9,336	17,877	23,764	48,653	72,417	90,294	1,937	4,496	6,433	7·12
9	Poona District ...	2,23,383	14,602	2,37,985	41,502	1,75,228	2,16,730	4,54,715	5,689	16,908	22,597	4·97
10	Khándesh	2,23,294	7,336	2,30,630	1,55,847	1,60,203	3,16,050	5,46,680	6,676	24,748	31,424	5·74
	Total, C. D. ...	5,22,986	55,269	5,78,255	4,09,915	5,56,954	9,66,869	15,45,124	20,176	66,532	86,708	5·61
	Southern Division.											
11	Belgaum	32,016	21,338	53,354	36,301	98,227	1,34,528	1,87,882	3,364	14,325	17,689	9·41
12	Dhárwár	...	...	...	88,213	1,31,225	2,19,438	2,19,438	3,708	12,372	16,080	7·32
13	Kánara.	8,577	...	8,577	28,041	1,16,782	1,44,823	1,53,400	3,216	6,679	9,895	6·45
14	Bijápur	...	...	...	70,820	48,147	1,18,967	1,18,967	2,256	9,153	11,409	9·59
15	Ratnágiri and Kolába ..	...	...	...	84,961	1,29,422	2,14,383	2,14,383	3,811	13,336	17,147	7·99
16	Sátára	8,492	4,660	13,152	53,811	1,52,223	2,06,034	2,19,186	3,516	14,441	17,957	8·19
	Total, S. D. ...	49,085	25,998	75,083	3,62,147	6,76,026	10,38,173	11,13,256	19,871	70,306	90,177	8·10
	Indus Left Bank Division.											
17	Eastern Nára ..	1,733	255	1,988	...	...	...	1,988	...	18	18	·91
18	Fuleli Canals ...	38,216	2,570	40,786	18,492	14,498	32,990	73,776	...	3,413	3,413	4·63
19	Hyderabad Canals ...	2,119	...	2,119	...	...	...	2,119	...	29	29	1·37
	Total, Indus Left Bank Division ...	42,06	2,825	44,893	18,492	14,498	32,990	77,883	...	3,460	3,460	4·44
	Indus Right Bank Division.											
20	Karáchi Canals ...	48,673	18,533	67,206	...	...	...	67,206	...	2,923	2,923	6 0
21	Ghár Canals	...	...	...	...	...	...	...	...	...	...	...
22	Begári Canals ...	...	915	915	...	...	...	915	...	30	30	3 23
23	Shikárpur Canals ...	32,666	10,532	43,198	...	...	...	43,198	...	168	168	·39
	Total, Indus Right Bank Division ...	81,339	29,980	1,11,319	...	...	...	1,11,319	...	3,121	3,121	2·8
	Grand Total ...	11,22,379	1,93,170	13,15,549	14,29,003	17,19,582	31,48,585	44,64,134	57,966	1,88,215	2,46,181	5·53
					Deduct Est	ablishment	charges ...	—15,744				
								44,48,390				

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APPENDIX D.

STATEMENT SHOWING EXTENSIONS AND IMPROVEMENTS TO IMPERIAL, PROVINCIAL AND LOCAL FUNDS ROADS UNDER PUBLIC WORKS AGENCY, DURING THE YEAR 1895-96.

NOTE.—The last complete statement was issued as an Appendix to the Administration Report for 1891-92.

Statement showing Extensions and Improvements to IMPERIAL AND PROVINCIAL ROADS in the Bombay Presidency for the year 1895-96.

Executive Districts.	Classification and names of roads.	Length in miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	ROADS IMPERIAL, MILITARY.						
	Nil.	.....	.....	.....	.....	...	
	ROADS IMPERIAL, CIVIL.						
	Nil.	.....	.....	.....	.....	...	
	PROVINCIAL.						
	I.—ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT.						
	SOUTHERN DIVISION.						
Kánara	Road from Gersappa to Falls and Talguppa ...	24 2,957	0 1,637	24 4,594	4,843	5,325	
	Total, Kánara District ...	24 2,957	0 1,637	24 4,594	.....	...	
	TOTAL, SOUTHERN DIVISION ...	24 2,957	0 1,637	24 4,594	.....	...	
Aden	Shaik Othman Road from Barrier gate at Isthmus to Cantonment boundary, including branch road from M. 0-6-140, or Shaik Othman road to Khormuxar	3 1,670	.....	3 1,670	1,456	...	Includes cost of new metal 2" thick on mile 1—4045 ft.
	TOTAL ADEN DIVISION ...	3 1,670	.....	3 1,670	1,456	...	
	TOTAL, I.—ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT ...	27 4,627	0 1,637	28 984	.....	...	

		II.—ROADS METALLED AND DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED.								
		CENTRAL DIVISION.								
Násik	... ...	Bombay-Agra road from foot of Kasára Ghat to Ráhud Ghát	1	0	.....	1	0	Unknown ...	215	Passing *vid* Thul Ghát, Igatpuri, Násik, Pimpalgaon, Basvant and Chándor. The river Godávari at Násik is being bridged. Kadwa at Kokangaon not bridged.
		Total Násik District ...	1	0	.....	1	0	.....	...	
		TOTAL, CENTRAL DIVISION ...	1	0	.....	1	0	.....	...	
		TOTAL, II.—ROADS METALLED AND DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED ...	1	0	.....	1	0	.....	...	
		III.—MURAM ROADS BRIDGED AND DRAINED THROUGHOUT.								
		CENTRAL DIVISION.								
Khándesh	...	Jakria Bári Ghát road	2	59	.....	2	59	12,151	...	
		Total, Khándesh District ...	2	59	.....	2	59	.....	...	
		TOTAL, CENTRAL DIVISION ...	2	59	.....	2	59	.....	...	
		TOTAL, III.—MURAM ROADS BRIDGED AND DRAINED THROUGHOUT ...	2	59	.....	2	59	.....	...	
		GRAND TOTAL, PROVINCIAL ROADS ...	30	4,686	0 1,637	31	1,043	.....	...	
		TOTAL OF I, II and III ...	30	4,686	0 1,637	31	1,043	.....	...	

ABSTRACT OF PROVINCIAL ROADS.

	I.—ROADS METALLED, BRIDGED, AND DRAINED THROUGHOUT.		II.—ROADS METALLED AND DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED.		III.—MURAM ROADS BRIDGED AND DRAINED THROUGHOUT.		IV.—MURAM ROADS DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED.		V.—VILLAGE OR CLEARED ROADS.	
	PROVINCIAL.		PROVINCIAL.		PROVINCIAL.		PROVINCIAL.		PROVINCIAL.	
	Length in miles.		Length in miles.		Length in miles.		Length in miles.		Length in miles.	
	Completed.	In progress	Completed.	In progress.	Completed.	In progress.	Completed.	In progress.	Completed.	In progress.
	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.
Northern Division ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southern Division ...	24 2,957	0 1,637	.....	.....	.....	.....	.....	.....	.....	.....
Aden Division	3 1,670	.....	.....	.....	.....	.....	.....	.....	.....	.....
Central Division	.....	.....	1 0	.....	2 59	.....	.....	.....	.....	.....
I. R. Bank Division ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. L. Bank Division. ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	27 4,627	0 1,637	1. 0	.....	2 59	.....	.....	.....	.....	.....

	LENGTH IN MILES.			
	Completed.	In progress.	Total.	Grand Total.
	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.
Imperial Military	.....	.....	.....	.....
Do. Civil	.....	.....	.....	.....
Provincial Roads I, II & III ...	30 4,686	0 1,637	31 1,043	31 1,043

Statement showing Extensions and Improvements to LOCAL FUND ROADS maintained by the Public Works Department in the Bombay Presidency for the year 1895-96.

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total Cost of construction per Mile.	Average annual Cost of Maintenance and Repairs in the last five years.	Remarks.
	(I)—ROADS, METALLED, BRIDGED AND DRAINED THROUGHOUT.	Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Northern Division.						
Ahmedabad ...	Road from Ahmedabad to Báreja ...	11 0	.....	11 0	10,418	1,246	
	Total, Ahmedabad District ...	11 0	.....	11 0	.....	.....	
Kaira and Panch Maháls.	Road from Municipal limit to the Railway Station at Dohad ...	0 3,022	.....	0 3,022	3,843	.....	
	Total, Kaira and Panch Maháls Districts	0 3,022	.....	0 3,022	.....	.....	
Surat and Broach.	Road from Surat to Bárdoli (in British Territory)	2 1,320	.....	2 1,320	23,701	2,173	Constructed and maintained from Local Funds.
	Road from Udwada Station to Udwada Village	.....	4 0	4 0	6,445	.....	Under construction from funds contributed by Bai Motlibai Jahangirji Wadia of Bombay.
	Total, Surat and Broach Districts...	2 1,320	4 0	6 1,320	.....	.....	
Thána ...	Road from Vevji to Umbargaon ...	.....	1 1,485	1 1,485	5,463	1,092	
	Total, Thána District ...	.....	1 1,485	1 1,485	.....	.....	
	Total, Northern Division ...	13 4,342	5 1,485	19 547	.....	.....	
	Carried over ...	13 4,342	5 1,485	19 547	.....	.....	

LOCAL FUND ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total Cost of construction per Mile.	Average annual Cost of Maintenance and Repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Brought forward ...	13 4,342	5 1,485	19 547	.....	.....	
		13 4,342	5 1,485	19 547	.....	.....	
	(1)—ROADS, METALLED, BRIDGED AND DRAINED THROUGHOUT—*continued.*						
	SOUTHERN DIVISION.						
Dhárwár	Road from Karajgi to S. M. Railway Station, Karajgi	.....	3 0	3 0	.....	.....	The construction is in progress and so the cost per mile cannot be given.
	Total, Dhárwár District ...	.....	3 0	3 0	.....	.....	
	TOTAL, SOUTHERN DIVISION ...	.....	3 0	3 0	.....	.....	
	TOTAL, I.—ROADS, METALLED, BRIDGED AND DRAINED THROUGHOUT	13 4,342	8 1,485	22 547	.....	.....	
	III.—MURAM ROADS, BRIDGED AND DRAINED THROUGHOUT.						
	NORTHERN DIVISION.						
Surat and Broach .	Road from Bulsár to Dharampor ...	0 1,320	.....	0 1,320	5,545	3,200	Constructed and maintained from Local Funds.
	Total, Surat and Broach Districts...	0 1,320	.....	0 1,320	.....	.....	
	TOTAL, NORTHERN DIVISION ...	0 1,320	.....	0 1,320	.....	.....	

		SOUTHERN DIVISION.								
Belgaum	...	Road from Kudchi to Terdal	...	.....		10	3,005	10	3,005	.....	.....	In progress.
		Total, Belgaum District	...	.....		10	3,005	10	3,005	.....	.....	
		TOTAL, SOUTHERN DIVISION.		.....		10	3,005	10	3,005	.....	.....	
		CENTRAL DIVISION.										
Sholápur	...	Road from Bársi Road Station to Temburni	...	15	0	.....		15	0	Unknown ...	1,058	
		Road from Temburni to Málsiras	...	15	0	.....		15	0	Do. ...	888	This road is under improvement. The cost of repairs is for the portion that has been improved.
		Sholápur-Akalkot road	...	14	0	.....		14	0	Do. ...	413	9 miles of this road are under improvement. The cost of repairs is for 5 miles only that have already been improved.
		Total, Sholápur District	...	44	0	.....		44	0	.....	.....	
		TOTAL, CENTRAL DIVISION	...	44	0	.....		44	0	.....	.....	
		TOTAL, III.—MURAM ROADS BRIDGED AND DRAINED THROUGHOUT	...	44	1,320	10	3,005	54	4,325	.....	.....	
		IV.—MURAM ROADS DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED.										
		NORTHERN DIVISION.										
Kaira and Panch Maháls.		Road from Godhra to Khakhria	...	1	3,960	.....		1	3,960	9,414	.....	About 1½ miles of this road is metalled this year.
		Total, Kaira and Panch Maháls Districts	...	1	3,960	.....		1	3,960	.....	.....	
		Carried over	...	59	4,342	18	4,490	78	3,552	.....	.....	
		Carried over Totals of I and III	...	58	382	18	4,490	76	4,872	.....	.....	

LOCAL FUND ROADS—*concluded.*

Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total Cost of Construction per Mile.	Average annual Cost of Maintenance and Repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Brought forward ...	58 382	18 4,490	76 4,872	.....	.....	
		59 4,342	18 4,490	78 3,552	.....	.....	
	IV.—MURAM ROADS DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED—*continued.*						
	Northern Division—*continued.*						
Thána ...	Road from Bhayndar to Utan ...	0 2,640	.....	0 2,640	5,212	992	
	Total, Thána District ...	0 2,640	.....	0 2,640	.....	.....	
	Total, Northern Division ...	2 1,320	.....	2 1,320	.....	.....	
	Central Division.						
Khándesh ...	Dondaicha-Sháháda road ...	3 0	.....	3 0	7,135	4,094	
	Bhusával-Sákegaon road ...	2 3,960	.....	2 3,960	4,256	330	
	Total, Khándesh District ...	5 3,960	.....	5 3,960	.....	.....	
	Total, Central Division ...	5 3,960	.....	5 3,960	.....	.....	
	TOTAL, IV.—MURAM ROADS DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED ...	8 0	.....	8 0	.....	.....	
	GRAND TOTAL FOR LOCAL ROADS	66 382	18 4,490	84 4,872	.....	.....	
	TOTALS OF I, III, AND IV ...	66 382	18 4,490	84 4,872	.....	.....	

ABSTRACT OF LOCAL FUND ROADS IN CHARGE OF THE PUBLIC WORKS DEPARTMENT.

Classification and Names of Roads.	Length in Miles.						Remarks.
	Completed.		In progress.		Total.		
	Ms.	ft.	Ms.	ft.	Ms.	ft.	
I.—Roads, metalled, bridged and drained throughout.							
Northern Division	13	4,342	5	1,485	19	547	
Southern do.	.....		3	0	3	0	
Central do.	.....		.....		.....		
Total ...	13	4,342	8	1,485	22	547	
II.—Roads, metalled and drained throughout, but the large Rivers not bridged.							
Northern Division	.....		.....		.....		
Southern do.	.....		.....		.....		
Central do.	.....		.....		.....		
Total ...	.....		.....		.....		
III.—Muram roads, bridged and drained throughout.							
Northern Division	0	1,320	.....		0	1,320	
Southern do.	.....		10	3,005	10	3,005	
Central do.	44	0	.....		44	0	
Total ...	44	1,320	10	3,005	54	4,325	
IV.—Muram roads drained throughout, but the large Rivers not bridged.							
Northern Division	2	1,320	.....		2	1,320	
Southern do.	.....		.....		.....		
Central do.	5	3,960	.....		5	3,960	
Total ...	8	0	.....		8	0	
V.—Village or cleared roads.							
Northern Division	.....		.....		.....		
Southern do.	.....		.....		.....		
Central do.	.....		.....		.....		
Total ...	.....		.....		.....		
Grand Total of I, III and IV ...	66	382	18	4,490	84	4,872	

Note.—The Local Fund Roads in Sind are all in the charge of Civil Officers, not the Public Works Department.

APPENDIX E.

STATEMENT SHOWING THE PROGRESS MADE IN THE DEMARCATION OF ROADS UNDER PUBLIC WORKS AGENCY DURING THE YEAR 1895-96.

Statement showing the Progress made in the Demarcation of roads under Public Works Agency during the year 1895-96.

Executive Districts.	Names of roads.	Length of road.	Number of miles of roads demarcated.				Number of miles of roads to be demarcated.		Remarks.
			Up to 31st March 1895.		In 1895-96.		Total.		
		Ms. ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms. ft.	
	IMPERIAL MILITARY.									
	IV.—MURAM ROADS DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED.									
	CENTRAL DIVISION.									
Poona District	Road leading from Sásvad to foot of the Purandhar Hill	5 4,435	1	3,960	3	2,640	5	1,320	0 3,115	Partly by stones and partly by aloe hedge.
	Total, Imperial Military roads ...	5 4,435	1	3,960	3	2,640	5	1,320	0 3,115	
	IMPERIAL CIVIL.									
	I.—ROADS METALLED BRIDGED AND DRAINED THROUGHOUT.									
	NORTHERN DIVISION.									
Thána ...	Road from Dongri Railway Station to Dharasna Salt Pans	3 0	3	0	.....		3	0	.....	
	Total, Thana District ...	3 0	3	0	.....		3	0	.....	
	Total Northern Division ...	3 0	3	0	.....		3	0	.....	
	II.—ROADS BRIDGED AND DRAINED THROUGHOUT, BUT NOT METALLED.									
	NORTHERN DIVISION.									
Thána ...	Road from Umele to Pápdi ...	1 3,425	1	2,800	.....		1	0	0 3,425	
	Total, Thana District ...	1 3,425	1	2,800	.....		1	0	0 3,425	
	Total Northern Divsion ...	1 3,425	1	2,800	.....		1	0	0 3,425	
	Total of I and II, Imperial Civil Roads.	4 3,425	4	2,800	.....		1	0	0 3,425	

PROVINCIAL.

I.—ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT.

NORTHERN DIVISION.

Ahmedábád	Extra Municipal roads, Ahmedabad	4	2,090	4	2,090	.....		4	2,090	.....	
	Road from foot of overbridge approaches near the Kálupur Gate to junction with road to Camp Ahmedabad	1	3,000	1	3,000	.....		1	3,000	.....	
	Road from Modása to Bibipura ...	18	0	18	0	.....		18	0	.....	
	Road from Dhansura to Harsol ...	13	0	13	0	.....		13	0	.....	
	Total, Ahmedabad District ...	36	5,090	36	5,090	.....		36	5,090	.....	
Surat and Broach.	Road from Billimora to Chikhli in Gaikwár's Territory	3	2,640	3	2,640	.....		3	2,640	.....	
	Total, Surat and Broach District ...	3	2,640	3	2,640	.....		3	2,640	.....	
Kaira and Panch Mahals.	Road from Kapadvanj to Bibipura, including a branch to Ladvel ...	33	0	33	0	.....		33	0	.....	
	Limkheda and Jhálod Road (Provincial portion)	11	0	9	2,640	1	2,640	11	0	.....	
	Total, Kaira and Panch Mahals ...	44	0	42	2,640	1	2,640	44	0	.....	
Thána	Road from Neral to Mátherán ...	7	2,640	.....		6	0	6	0	1	2,640
	Road from Dáhánu to Jawhár ...	27	0	27	0	.....		27	0	.....	
	Road from Ulwa to Campuli ...	13	2,640	11	1,320	.....		11	1,320	2	1,320
	Road from Dharamtar to Campuli...	3	2,640	3	2,640	.....		3	2,640	.....	
	Road from Váda to Shirghát ...	30	0	30	0	.....		30	0	.....	
	Road from Thána to Panvel ...	10	2,640	.....		.....		.....		10	2,640
	Esplanade roads, Thána ...	1	3,780	.....		.....		.....		1	3,780
	Total, Thána District ...	93	3,780	71	3,960	6	0	77	3,960	15	5,100
	TOTAL, NORTHERN DIVISION ...	178	950	154	3,770	7	2,640	162	1,130	15	5,100
	Carried over ...	178	950	154	3,770	7	2,640	162	1,130	15	5,100

PROVINCIAL ROADS—*continued.*

Executive Districts.	Names of roads.	Length of road.	Number of miles of roads demarcated.			Number of miles of roads to be demarcated.	Remarks.
			Up to 31st March 1895.	In 1895-96.	Total.		
		Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	
	Brought forward ...	178 950	154 3,770	7 2,640	162 1,130	15 5,100	
	I.—ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT—*continued.*						
	CENTRAL DIVISION.						
Poona District	Road from Dapuri to the foot of the Bhor Ghât (Poona-Bombay Road)...	42 0	37 0	5 0	42 0	.....	Demarcated by boundary and furlong stones.
	Approach road to Deccan Central Jail, Yerrowda	1 1,320	1 1,320	.....	1 1,320	.....	By boundary stones.
	Road from Poona to Shirval (new Sátára Road)	26 2,112	26 1,320	.....	26 1,320	0 792	Also hedge destroyed. Boundary has been demarcated by stones.
	Road from Fitzgerald Bridge, Poona to Sirur (Poona-Ahmednagar Road).	41 0	22 3,960	18 1,320	41 0	.....	By boundary and furlong stones.
	Roads within the limits of the Poona Cantonment	4 2,232	0 1,400	.....	0 1,400	4 832	Roads transferred to Cantonment Committee.
	Roads within Kirkee Cantonment ...	4 865	0 1,100	.....	0 1,100	3 5,045	
	Roads within Suburban Municipality.	12 4,477	0 2,900	12 1,577	12 4,477	.....	By boundary stones.
	Roads within City Municipality ...	1 1,080	1 1,080	.....	1 1,080	.....	
	Roads not included within the Cantonment or Municipal areas ...	10 113	10 113	.....	10 113	.....	
	Road from St. Patrick's Church, Poona, to Hingangaon (Poona-Sholápur Road, Section No. I) ...	37 2,640	37 2,640	.....	37 2,640	.....	3½ miles of aloe fencing demarcation have been demarcated this year by stones; making a total of 24 miles by stone boundaries. 13½ miles by aloe fencing.
	Total, Poona District ...	180 4,279	136 5,273	35 2,897	172 2,890	8 1,389	

Sholápur ...	Bársi-Yedsi road	20	0	1	80	.....		18	0	2	0	This portion lies in the Bársi Municipal limits, and will be taken in hand when funds are available.
	Yedsi-Tádwála road	8	0	8	0	.....		8	0	.....		Demarcated with earthen mounds.
	Bársi Station-Bársi Town road ...	21	0	20	2,640	.....		20	2,640	0	2,640	This length is in the Bársi Municipal limits. The portion has been demarcated with stones. This road is now transferred to the Bársi Light Railway Company, together with the Municipal portion, for constructing a light railway over it.
	Cantonment roads at Sholápur ...	4	2,640	4	2,640	.....		4	2,640	.....		Demarcated with stones.
	Total, Sholápur District ...	53	2,640	51	0	.....		51	0	2	2,640	
Násik ...	Manmád and Kopargaon road ...	20	3,300	3	3,960	.....		3	3,960	16	4,620	No outlay has been incurred during the year on demarcation of road boundaries.
	Total, Násik District ...	20	3,300	3	3,960	.....		3	3,960	16	4,620	
Ahmednagar ...	Road from Ahmednagar to Paithan.	52	660	5	0	47	660	52	660	.....		Boundary stones completed.
	Road from Ahmednagar to Dhond...	46	0	20	0	26	0	46	0	.....		Completed with stones.
	Road from Nandur-Shingota to Ale Khind (Násik-Poona road) ...	37	0	7	0	.....		7	0	30	0	Gutter, trench and stones.
	Road from Ahmednagar to Sirúr ...	31	0	5	0	.....		5	0	26	0	
	Road from the foot of Imámpur Ghát to Toka	27	0	2	500	24	4,780	27	0	.....		Boundary stones completed.
	Total, Ahmednagar District ...	193	660	39	500	98	160	137	660	56	0	
Khándesh ...	Málegaon-Manmád road ...	21	0	21	0	.....		21	0	.....		
	Bombay-Agra road	106	0	106	0	.....		106	0	.....		
	Dhulia-Chálisgaon road ...	34	0	34	0	.....		34	0	.....		
	Total, Khándesh District ...	161	0	161	0	.....		161	0	.....		
	TOTAL, CENTRAL DIVISION ...	609	319	391	4,453	133	3,057	525	2,230	83	3,369	
	Carried over ...	787	1,269	546	2,943	141	417	687	3,360	99	3,189	

PROVINCIAL ROADS—*continued.*

Executive Districts.	Names of roads.	Length of road.		Number of miles of roads demarcated.						Number of miles of roads to be demarcated.		Remarks.
				Up to 31st March 1895.		In 1895-96.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	787	1,269	546	2,943	141	417	687	3,360	99	3,189	
	I.—ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT—*continued.*											
	SOUTHERN DIVISION.											
Belgaum ...	Road from Poona to Bangalore— Section from Dudhganga to Malaprábha river	75	3,960	70	3,960	.....		70	3,960	5	0	5 miles are not required to be demarcated, as they pass through Government Forest land, villages, towns, &c.
	Road from Várna to Dudhganga ...	28	0	28	0	.....		28	0	.....		
	Krishna Bridge road	3	1,980	3	1,980	.....		3	1,980	.....		
	Road from Khánápur to Yellápur— Section from Khánápur to Linganmath	22	0	22	0	.....		22	0	.....		
	Road from Belgaum to Bágalkot— Section from Belgaum to Korkup	43	0	34	1,320	.....		34	1,320	8	3,960	8 miles 3,960 feet of road to be demarcated are in Sángli State.
	Road from Belgaum to Vingurla— Section from Belgaum to Amboli.	43	0	30	0	.....		30	0	13	0	13 miles are not required to be demarcated, as they pass through Government Forest land, villages, towns, &c.
	Total, Belgaum District ...	215	660	188	1,980	.....		188	1,980	26	3,960	
	Road from Poona to Bangalore— Section from Malprábha river at Mugutkhán-Hubli to Harihar	120	2,640	120	2,640	.....		120	2,640	.....		
	Dhárwár Railway feeder road ...	0	4,900	0	4,900	.....		0	4,900	.....		
	Road from Kárwár to Bellary— Section from Sangtikop to Hubli.	27	3,300	22	1,320	.....		22	1,320	5	1,980	
	Dándur Railway station road ...	1	660	1	660	.....		1	660	.....		

Dhárwár ...	Road from Hubli to Kumta—											
	Section from Trimalkop on the Poona-Bangalore road to Wadgatti on the Dhárwár District Frontier ...	9	1,980	5	660	1	3,960	6	4,620	2	2,640	
	Kerur Railway feeder road ...	0	2,990	0	2,990	.....		0	2,990	.....		
	Barlkod do. ...	0	900	0	900	.....		0	900	.....		
	Mugud do. ...	0	600	0	600	.....		0	600	.....		
	Nagargalli do. ...	0	2,877	0	2,877	.....		0	2,877	.....		
	Kárwár-Bellary road—											
	Section from Gadag to Hesrur...	29	0	29	0	.....		29	0	.....		
	Road from Havanur to Ekambi—											
	Section from Háveri to Samasgi.	28	1,320	28	1,320	.....		28	1,320	.....		
	Road to connect Hulkoti Railway Station to the Kárwár-Bellary road	0	3,300	0	3,300	.....		0	3,300	.....		This road was omitted from the previous statement.
	Total, Dhárwár District ...	218	4,347	209	1,047	1	3,960	210	5,007	7	4,620	
Bijápur ...	Road from Belgaum to Bágalkot—											
	Section from Kajidoni to Bágalkot	18	1,980	18	1,980	.....		18	1,980	.....		
	Total, Bijápur District ...	18	1,980	18	1,980	.....		18	1,980	.....		
Sátára ...	Poona-Bangalore Road—											
	Section from Nira river to Varna river	100	0	2	0	14	0	16	0	84	0	
	Road from Mahábaleshvar to Sátára.	33	0	25	0	.....		25	0	8	0	
	Surul-Mahábaleshvar road ...	26	2,640	24	0	.....		24	0	2	2,640	
	Road from Karád to Chiplun—											
	Section from Karád to the foot of the Kumbhárli Ghát ...	46	0	36	0	.....		36	0	10	0	
	Road from Sátára to Shendra ...	4	0	3	0	.....		3	0	1	0	
	Mahápral-Pandhárpur road—											
	Section from Shirvál to Lonand.	18	0	2	0	.....		2	0	16	0	
	Total, Sátára District ...	227	2,640	92	0	14	0	106	0	121	2,640	
	Carried over ...	1,467	336	1,054	2,670	156	4,377	1,211	1,767	255	3,849	

PROVINCIAL ROADS—*continued.*

Executive Districts.	Names of roads.	Length of road.		Number of miles of roads demarcated.						Number of miles of roads to be demarcated.		Remarks.
				Up to 31st March 1895.		In 1895-96.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	1,467	336	1,054	2,670	156	4,377	1,211	1,767	255	3,849	
	I.—ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT—*concluded.*											
	SOUTHERN DIVISION—*continued.*											
Ratnágiri and Kolába.	Road from Bombay to Poona—											
	Section from Ulva to Chowk ...	16	0	16	0	.....		16	0	.....		
	Road from Ratnágiri to Amba Ghát—											
	Section over Amba Ghát ...	9	1,760	7	1,760	.....		7	1,760	2	0	
	Road from Alibág to Campoli—											
	2nd Section from Dharamtar to Campoli	20	660	10	0	.....		10	0	10	660	
	Roads near Panvel—											
	1st Section from Thána to Pánvel	9	1,320	4	0	3	3,960	7	3,960	1	2,640	
	2nd Section from Pánvel to Jassai	6	3,300	1	3,960	0	3,300	2	1,980	4	1,320	
	Karád-Chiplun road—											
	Section from Kumbhárli to Gowalkot *viâ* Chiplun ...	14	1,664	8	0	5	3,960	13	3,960	0	2,984	
	Road from Mahapral to Shirvál—											
	Section from Mahapral on the Bankot river to Varanda Ghát	25	2,640	.....		4	0	4	0	21	2,640	
	Total, Ratnágiri and Kolába Districts	101	784	47	440	14	660	61	1,100	39	4,964	

		Road from Sangtikop to Kárwár *viâ* Arbail Ghát	74	3,960	18	5,252	.....	18	5,252	55	3,988	55 miles 3,988 feet are not required to be demarcated as they run through Government Forests.
		Road from Yekumbi to Samasgi ...	6	2,640	0	4,700	.....	0	4,700	5	3,220	Out of this 5 miles 3,220 feet do. do.
		Road from Palla to Bankápur ...	2	2,640	.....		.....	.....		2	2,640	2 miles 2,640 feet do. do.
		Road from Kárwár to Kodibág ...	2	2,640	1	4,839	.....	1	4,839	0	3,081	3,081 feet do. do.
		Road from Koney Bridge to Shezwad	2	3,780	2	3,008	.....	2	3,008	0	772	772 feet do. do.
		Road from Katgal to the bank of Tadri river	1	0	0	2,105	.....	0	2,105	0	3,175	3,175 feet do. do.
		Road from Haliyál to Belgaum Frontier up to Linganmath ...	9	0	8	970	.....	8	970	0	4,310	4,310 feet do. do.
		Road from Koney to the Kodibág road *viâ* Jail at Kárwár	1	2,490	0	2,640	.....	0	2,640	0	5,130	5,130 feet do. do.
Kánara	...	Road from Junction of Nolur deviation near Ballaguli to Ankola ...	3	3,960	2	210	.....	2	210	1	3,750	1 mile 3,750 feet do. do.
		Road from Haliyál to Mavinkop ...	4	2,640	2	1,620	.....	2	1,620	2	1,020	2 miles 1,020 feet do. do.
		Road from Kárwár to Kodibág ...	2	2,640	1	4,839	.....	1	4,839	0	3,081	3,081 feet do. do.
		Road from Dhárwár Frontier near Wadgatti to Kumta *viâ* Sirsi ...	78	2,640	9	696	.....	9	696	69	1,944	69 miles 1,944 feet do. do.
		Road from Gersappa to Falls and Talguppa	25	0	0	2,535	.....	0	2,535	24	2,745	24 do. 2,745 feet do. do.
		Road from Yellápur to Bankápur *viâ* Mundgad	29	0	3	836	.....	3	836	25	4,444	25 do. 4,444 feet do. do.
		Road from Sanikatta to Hebul ...	18	0	7	1,345	.....	7	1,345	10	3,935	10 do. 3,935 feet do. do.
		Road from Haliyál to Supa... ...	20	2,640	2	3,635	.....	2	3,635	17	4,285	17 do. 4,285 feet do. do.
		Road from Sirsi to Shimoga *viâ* Banvási	19	1,320	5	4,772	.....	5	4,772	13	1,828	13 do. 1,828 feet do. do.
		Road from Yellápur to Haliyál ...	27	0	5	4,850	.....	5	4,850	21	430	21 do. 430 feet do. do.
		Total, Kánara District ...	328	2,310	74	1,332	.....	74	1,332	254	978	
		TOTAL, SOUTHERN DIVISION ...	1,109	2,161	629	1,499	29 4,620	659	839	450	1,322	
		INDUS RIGHT BANK DIVISION.										
Western Canals.	Nára	Bágho-thoro road	5	0	5	0	.....	5	0	.....		
		TOTAL, INDUS RIGHT BANK DIVISION...	5	0	5	0	.....	5	0	.....		
		Carried over ...	1,901	3,430	1,180	4,442	170 5,037	1,351	4,199	549	4,511	

PROVINCIAL ROADS—*continued.*

Executive Districts.	Names of roads.	Length of road.		Number of miles of roads demarcated.						Number of miles of roads to be demarcated.		Remarks.
				Up to 31st March 1895.		In 1895-96.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	1,901	3,430	1,180	4,442	170	5,037	1,351	4,199	549	4,511	
	I.—ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT—*concluded.*											
	ADEN.											
Aden ...	Shaik Othman road from Barrier Gate at Isthmus to Cantonment boundary	2	4,045	2	4,045	.....		2	4,045	.....		
	Branch road from mileage O. C. 140 on Shaik Othman road to Khor ...	1	2,920	1	2,920	.....		1	2,920	.....		
	TOTAL, ADEN DISTRICT ...	4	1,685	4	1,685	.....		4	1,685	.....		
	TOTAL (I) ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT	1,905	5,115	1,185	847	170	5,037	1,356	604	549	4,511	
	II.—ROADS METALLED AND DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED.											
	NORTHERN DIVISION.											
Thána ...	Bombay-Agra road portion from Kurla to Kására	68	0	30	0	.....		30	0	38	0	
	Total, Thána District ...	68	0	30	0	.....		30	0	38	0	

Surat and Broach.	Road from Párdi to Chival	13	0	13	0	.....	13	0	.....			
	Do. from Daman to Wápi in British Territory	3	2,640	3	2,640	.....	3	2,640	.....			
	Total, Surat and Broach Districts ...	16	2,640	16	2,640	.....	16	2,640	.....			
	TOTAL, NORTHERN DIVISION ...	84	2,640	46	2,640	.....	46	2,640	38	0		
	CENTRAL DIVISION.											
Násik ...	Bombay-Agra Road	85	660	16	1,980	.....	16	1,980	68	3,960	No outlay has been incurred during the year on demarcation of road boundaries. The necessary estimates are under preparation and will be submitted as early as possible.	
	Násik-Poona Road	33	0	8	2,640	.....	8	2,640	24	2,640		
	Násik-Bulsár Road	39	0	2	0	.....	2	0	37	0		
	Nandgaon-Aurangabad Road ...	11	3,300	3	3,960	.....	3	3,960	7	4,620		
	Total, Násik District ...	168	3,960	30	3,300	.....	30	3,300	138	660		
	TOTAL, CENTRAL DIVISION ...	168	3,960	30	3,300	.....	30	3,300	138	660		
	TOTAL (II) ROADS METALLED AND DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED ...	253	1,320	77	660	.....	77	660	176	660		
	III.—MURAM ROADS BRIDGED AND DRAINED THROUGHOUT.											
	CENTRAL DIVISION.											
Násik ...	Nanashighát Road	4	0	.....		.....	.....		4	0	Do.	
	Total, Násik District ...	4	0	.....		.....	.....		4	0		
	TOTAL, CENTRAL DIVISION ...	4	0	.....		.....	.....		4	0		
	TOTAL (III) MURAM ROADS BRIDGED AND DRAINED THROUGHOUT	44	0	.....		.....	.....		4	0		
	Carried over ...	2,163	1,155	1,262	1,507	170	5,037	1,433	1,264	729	5,171	
	Carried over totals of I, II and III.	2,163	1,155	1,262	1,507	170	5,037	1,433	1,264	729	5,171	

PROVINCIAL ROADS—*continued.*

Executive Districts.	Names of roads.	Length of road.		Number of miles of roads demarcated.						Number of miles of roads to be demarcated.		Remarks.
				Up to 31st March 1895.		In 1895-96.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	2,163	1,155	1,262	1,507	170	5,037	1,433	1,264	729	5,171	
		2,163	1,155	1,262	1,507	170	5,037	1,433	1,264	729	5,171	
	IV.—MURAM ROADS DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED.											
	NORTHERN DIVISION.											
Thána ...	Satowli Khind Road	2	0	2	0	.....		2	0	.....		
	Medwan and Nanivli Khind Roads	10	0	10	0	.....		10	0	.....		
	Total, Thána District ...	12	0	12	0	.....		12	0	.....		
	TOTAL, NORTHERN DIVISION ...	12	0	12	0	.....		12	0	.....		
	CENTRAL DIVISION.											
Poona District	Road from St. Patrick's Church, Poona, to Hingangaon (Poona-Sholápur Road, Sections Nos. II and III)	50	0	50	0	.....		50	0	.....		41 miles by stone boundaries and 9 miles by aloe fencing.
	Road from Dápuri to 59 mile stone (Poona-Násik Road)	53	0	37	0	16	0	53	0	.....		Demarcated with boundary stones.
	Total, Poona District ...	103	0	87	0	16	0	103	0	.....		
Sholápur ...	Poona-Hyderabad Road— Section from River Bhima to Tandulvádi	75	0	75	0	.....		75	0	.....		Demarcated with stones.
	Sholápur-Bijápur Road— Section from Sholápur to Tákli.	20	0	20	0	.....		20	0	.....		
	Kuslumb-Yermala Road	8	0	8	0	.....		8	0	.....		
	Total, Sholápur District ...	103	0	103	0	.....		103	0	.....		

Ahmednagar	Road from Ahmednagar to Pimpalgaon (Málegaon Road)	66	0	1 & 16 miles on right. 18 „ on left ...	.....		1 & 16 miles on right. 18 „ on left ...	49 0 47 0		The figures given refer to demarcation on both the sides of the road.	
	Road from Jámgaon to Kotul ...	10	0	10	0	.....		10	0	.....		Stones. Completed in 1893-94.
	Road from Randha to Samrad ...	9	0	9	0	.....		9	0	.....		
	Total, Ahmednagar District ...	85	0	37	0	.....		37	0	48	0	
Khándesh	Neri-Ajanta Road	17	0	.....		.....		.....		17	0	Under construction.
	Jakriabarighat Road	2	2,640	.....		2	2,640	2	2,640	.....		
	Cross roads between Cantonment and Málegaon	3	0	3	0	.....		3	0	.....		
	Dhulia-Surat Road	86	0	30	2,640	6	0	36	2,640	49	2,640	This road from miles Nos. 32½ to 48 and from 52 to 86 *i.e.*, 49½ miles is a fair weather road which is not demarcated.
	Roads connecting Government buildings at Bhusával	1	0	1	0	.....		1	0	.....		
	Total, Khándesh District ...	109	2,640	34	2,640	8	2,640	43	0	66	2,640	
	TOTAL, CENTRAL DIVISION ...	400	2,640	261	2,640	24	2,640	286	0	114	2,640	
	SOUTHERN DIVISION.											
Belgaum	Road from Belgaum to Kárwár— Section fom Belgaum to Shitvádi.	35	0	14	0	.....		14	0	21	0	21 miles are not required to be demarcated as they run through Government Forests.
	Road from Devgad to Nipáni— Section from Dájipur to Nipáni on Poona-Bangalore Road ...	38	3,960	38	3,960	.....		38	3,960	.....		
	Total, Belgaum District ...	73	3,960	52	3,960	.....		52	3,960	21	0	
Dhárwár	Road from Hávanur to Ekambi— Section from Hávanur to Háveri.	22	0	22	0	.....		22	0	.....		
	Road from Anmod to Hemadgi— Section from Anmod at the head of the Tinai Ghát to Hemadgi towards Khánápur ...	6	3,630	6	3,630	.....		6	3,630	.....		
		28	3,630	28	3,630	.....		28	3,630	.....		
	Carried over ...	2,649	2,475	1,588	2,827	195	2,397	1,783	5,224	865	2,531	
	Carried over totals of I, II and III.	2,163	1,155	1,262	1,507	170	5,037	1,433	1,264	729	5,171	

PROVINCIAL ROADS—*continued.*

Executive Districts.	Names of roads.	Length of road.	Number of miles of roads demarcated.			Number of miles of roads to be demarcated.	Remarks.
			Up to 31st March 1895.	In 1895-96.	Total.		
		Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	
		2,163 1,155	1,262 1,507	170 5,037	1,433 1,264	729 5,171	
	Brought forward ...	2,649 2,475	1,588 2,827	195 2,397	1,783 5,224	865 2,531	
	IV.—MURAM ROADS DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED—*concluded.*	28 3,630	28 3,630	.....	28 3,630	.....	
	SOUTHERN DIVISION—*concluded.*						
Dharwár ...	Road from Kárwár to Bellary—Section from Hubli to Gadag ...	34 0	34 0	.....	34 0	.....	
	Hubli-Sholápur Road—Section from Konnur to Hubli...	40 0	38 0	1 2,640	39 2,640	0 2,640	
	Road from Dhárwár to Goa—Section from Dhárwár to Tinai Ghát	57 3,600	49 5,204	.....	49 5,204	7 3,676	
	Total, Dhárwár District ...	160 1,950	150 3,554	1 2,640	152 914	8 1,036	
Bijápur ...	Road from Bijápur to Miraj—Section from Bijápur to Honvad.	24 3,300	22 850	.....	22 850	2 2,450	The portion to be demarcated is within the town of Bijápur and within Municipal limits.
	Road from Sholápur to Hubli—Section from Tákli on the river Bhima to Konnur on the Malaprábha	115 2,640	57 330	10 0	67 330	48 2,310	
	Road from Karád to Bijápur—Section from Nágaz to Tikote ...	14 2,640	14 2,640	.....	14 2,640	.....	
	Total, Bijápur District ...	154 3,300	93 3,820	10 0	103 3,820	50 4,760	

Ratnágiri and Kolába.	Road from Alibág to Campoli—										
	Section from Alibág to Dharamtar	13	0	13	0	.....		13	0	.....	
	3rd Section from Pen to Antore..	1	3,960	0	2,640	1	1,320	1	3,960	.....	
	4th Section from Pen to Washi...	3	2,640	1	1,320	2	1,320	3	2,640	.....	
	Road from Dharamtar to Mahád—										
	1st Section from Dharamtar to Nágothna	13	2,640	4	2,640	5	0	9	2,640	4	0
	2nd Section from Nágothna to Mahád	40	0	6	2,640	.....		6	2,640	33	2,640
	Road from Mahád to Mahableshwar Section from Mahád to Kineshwar.	16	0	.....		1	2,640	1	2,640	14	2,640
	Road from Sangmeshwar to Sakhárpe	19	4,000	6	0	.....		6	0	13	4,000
	Road from Harnai to Khed *viá* Dapoli.	25	980	3	0	6	0	9	0	16	980
	Road from Devgad to Nipáni—										
	Section from Devgad to Dájipur.	41	1,320	20	0	3	530	23	530	18	790
	Road from Ratnágiri to Mirya Bay	4	1,700	.....		1	900	1	900	3	800
	Road from Poladpur to Hathkambe	94	2,640	52	1,320	4	3,080	56	4,400	37	3,520
	Road from Viziadurg to Phonda ...	42	0	13	0	2	1,980	15	1,980	26	3,300
	Road from Pálli to Kasarde ...	54	0	24	0	5	4,620	29	4,620	24	660
	Road from Ratnágiri to Ambághát—										
	Section from Ratnágiri to foot of Ambághát	33	0	10	0	.....		10	0	23	0
	Total, Ratnágiri and Kolába Districts.	401	4,040	154	0	33	550	187	550	214	3,490
	Carried over ...	3,366	1,205	1,986	4,921	240	307	2,226	5,228	1,139	1,257
	Carried over totals of I, II and III	2,163	1,155	1,262	1,507	170	5,037	1,433	1,264	729	5,171

PROVINCIAL ROADS—*continued.*

Executive Districts	Names of roads.	Length of road.		Number of miles of roads demarcated. Up to 31st March 1895.		In 1895-96.		Total.		Number of miles of roads to be demarcated.		Remarks.
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward...	2,163	1,155	1,262	1,507	170	5,037	1,433	1,264	729	5,171	
		3,366	1,205	1,986	4,921	240	307	2,226	5,228	1,139	1,257	
	Road from Karka to Shimzoda ...	19	0	0	3,800	.....		0	3,800	18	1,480	18 miles and 1,480 feet are not required to be demarcated as they run through Government Forests.
Kánara ...	Road from Sadáshivgad to Goa Frontier	5	2,640	4	3,420	.....		4	3,420	0	4,500	4,500 feet do. do.
	Road from Shitavde to Kárwár *viâ* Kadra and Anshi Ghát	52	0	2	2,710	.....		2	2,710	49	2,570	49 miles 2,570 feet do. do.
	Road from Yellápur to Bárboli ...	19	0	0	1,710	.....		0	1,710	18	3,570	18 miles 3,570 feet do. do.
	Koney Sea Slope road to Kárwár ...	1	2,844	0	2,470	.....		0	2,470	1	374	1 mile 374 feet do. do.
	Total, Kánara District ...	97	204	8	3,550	.....		8	3,550	88	1,934	
	TOTAL, SOUTHERN DIVISION ...	887	2,894	459	4,324	44	3,190	504	2,234	383	660	
	TOTAL (IV) MURAM ROADS DRAINED THROUGHOUT BUT THE LARGE RIVERS NOT BRIDGED	1,300	254	733	1,684	69	550	802	2,234	497	3,300	
	V.—VILLAGE OR CLEARED ROADS.											
	NORTHERN DIVISION.											
Ahmedábád ...	Road from Ahmedábád to Hársol (British portion)	23	0	18	3,960	4	1,320	23	0	.....		
	Total, Ahmedábád District ...	23	0	18	3,960	4	1,320	23	0	.....		
	TOTAL, NORTHERN DIVISION ...	23	0	18	3,960	4	1,320	23	0	.....		

	CENTRAL DIVISION.											
Násik ...	Satighat Road	5	0	.....		.....		.....		5	0	No outlay has been incurred during the year on demarcation of road boundaries.
	Do. Harsul Road	2	0	.....		.....		.....		2	0	
	Karanjali-Harsul Road	18	0	2	0	.....		2	0	16	0	The estimates are under preparation and will be submitted as early as possible.
	Total, Násik District ...	25	0	2	0	.....		2	0	23	0	
Ahmednagar ...	Road from Málegaon to Ambit ...	11	0	3	0	.....		3	0	8	0	
	Total, Ahmednagar District ...	11	0	3	0	.....		3	0	8	0	
	TOTAL, CENTRAL DIVISION ...	36	0	5	0	.....		5	0	31	0	
	SOUTHERN DIVISION.											
Kánara ...	Kundal Ghát approach ...	9	0	.....		.....		.....		9	0	9 miles are not required to be demarcated as they run through Government Forests.
	Dhokerpa Ghát approach ...	7	2,640	.....		.....		.....		7	2,640	7 miles 2,640 feet do. do.
	Kuveshi Ghát approach ...	11	0	.....		.....		.....		11	0	11 miles do. do.
	Diggy Ghát approach	20	2,640	.....		.....		.....		20	2,640	20 miles 2,640 feet do. do.
	Total, Kánara District ...	48	0	.....		.....		.....		48	0	
	TOTAL, SOUTHERN DIVISION ...	48	0	.....		.....		.....		48	0	
	INDUS RIGHT BANK DIVISION.											
Begári Canals...	Road from Jacobábád to Khaira Garhi	32	2,640	32	2,640	.....		32	2,640	.....		
	TOTAL, INDUS RIGHT BANK DIVISION.	32	2,640	32	2,640	.....		32	2,640	.....		
	TOTAL (V) VILLAGE OR CLEARED ROADS ...	139	2,640	56	1,320	4	1,320	60	2,640	79	0	
	GRAND TOTAL, PROVINCIAL ROADS	3,602	4,049	2,051	4,511	244	1,627	2,296	858	1,306	3,191	
	TOTAL OF I, II, III, IV AND V.	3,602	4,049	2,051	4,511	244	1,627	2,296	858	1,306	3,191	

LOCAL FUND ROADS.

Executive Districts.	Names of roads.	Length of road.	Number of miles of roads demarcated.			Number of miles of roads to be demarcated.	Remarks.
			Up to 31st March 1895.	In 1895-96.	Total.		
		Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	
	LOCAL.						
	I.—ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT.						
	NORTHERN DIVISION.						
Ahmedábád...	Ahmedábád to Bareja Road ...	11 0	11 0	.....	11 0	.....	
	Road from Bowla to near Sábarmati Railway Station, Ahmedábád ...	24 0	24 0	.....	24 0	.....	
	Road from Sarkhej to Sánand ...	9 0	9 0	.....	9 0	.....	
	Road from Sánand town to the Sánand Railway Station ...	2 2,640	2 2,640	.....	2 2,640	.....	
	Total, Ahmedábád District ...	46 2,640	46 2,640	.....	46 2,640	.....	
Kaira and Panch Maháls.	Kaira and Mehmadábád road, including branches	11 1,320	11 1,320	.....	11 1,320	.....	
	Kaira and Sábarmati road, including branches	14 3,960	14 3,960	.....	14 3,960	.....	
	Nadiád and Vásna road, including branches	18 2,640	18 2,640	.....	18 2,640	.....	
	Barejri and Náika road, Kaira Section	9 2,640	9 2,640	.....	9 2,640	.....	Clearly demarcated by survey pillar and water channels.
	Do. do. Ahmedabad Section.	4 3,960	4 3,960	.....	4 3,960	.....	
	Petlád and Cambay Road (British portion)	6 0	6 0	.....	6 0	.....	Demarcated by the Survey Department.
	Nadiád and Kapadvanj Road ..	27 0	27 0	.....	27 0	.....	
	Dákor and Kapadvanj Road ...	20 0	20 0	.....	20 0	.....	
	Vásad and Borsad Road	11 1,320	11 1,320	.....	11 1,320	.....	
	Limkheda-Jhálod Road (British portion)	14 2,640	12 0	2 2,640	14 2,640	.....	

	Godhra and Dohad Road (British portion)	24	0	21	2,640	2	2,640	24	0	.....	
	Total, Kaira and Panch Mahals District	161	2,640	156	2,640	5	0	161	2,640	.....	
Surat and Broach.	Road from Anklesvar to Hánsot ...	13	2,640	13	2,640	.....		13	2,640	.....	
	Road from Anklesvar to Bore Bhátha	3	0	3	0	.....		3	0	.....	
	Road from Surat to Sachin... ...	7	2,640	7	2,640	.....		7	2,640	.....	
	Road from Sachin to Lajpur ...	3	0	3	0	.....		3	0	.....	
	Road from Kim to Tarkeshvar ...	9	0	9	0	.....		9	0	.....	
	Road from Tarkeshvar to Mándvi ...	18	0	18	0	.....		18	0	.....	
	Road from Surat to Bárdoli... ...	5	1,320	.....		5	1,320	5	1,320	.....	
	Road from Billimora to Chikhli, British territory	2	2,640	2	2,640	.....		2	2,640	.....	
	Total, Surat and Broach Districts	61	3,960	56	2,640	5	1,320	61	3,960	.....	
Thána ...	Road from Chowk to Karjat ...	6	0	1	0	.....		1	0	5	0
	Road from Bándra to Ghodbandar .	16	1,320	16	0	.....		16	0	0	1,320
	Road from Sanján Railway Station to Bandar	2	2,640	.....		.....		.....		2	2,640
	Road from Vevji to Umbargaon ...	3	2,640	.....		.....		.....		3	2,640
	Road from Dáhánu Railway station to Pawada Creek	1	1,320	.....		.....		.....		1	1,320
	Road from Boisar to Chinchni ..	7	2,640	6	2,640	0	1,320	6	3,960	0	3,960
	Road from Bhiwndi to Kone ...	5	0	1	2,640	1	0	2	2,640	2	2,640
	Road from Sion to Trombay ...	6	0	.....		1	3,960	1	3,960	4	1,320
	Road from Ghátcoper to Mahul ...	6	0	.....		2	3,960	2	3,960	3	1,320
	Road from Verár to Agáshi ...	3	2,640	.....		.....		.....		3	2,640
	Road from Wadowli to Sion-Trombay	0	2,800	.....		.....		.....		0	2,800
	Road from Kurla to Kole-Kalyán ...	0	1,000	.....		.....		.....		0	1,000
	Pawai village road	2	2,350	.....		.....		.....		2	2,350
	Road from Kandivali to Bándra-Ghorbandar Road	0	3,000	.....		0	3,000	0	3,000	.....	
	Pokharan Road	4	1,320	.....		4	1,320	4	1,320	.....	
	Road from Kurla to Versowa ...	7	2,640	1	0	3	2,640	4	2,640	3	0
	Road from Sáki to Vehár	3	0	.....		1	0	1	0	2	0
	Road from Bassein to Nirmal ...	5	2,640	2	0	.....		2	0	3	2,640
	Carried over ...	81	2,550	28	0	15	360	43	360	38	2,190
		269	3,960	259	2,640	10	1,320	269	3,960	.....	

LOCAL FUND ROADS—*continued.*

Executive Districts.	Names of roads.	Length of road.		Number of miles of roads demarcated. Up to 31st March 1895.		In 1895-96.		Total.		Number of miles of roads to be demarcated.		Remarks.
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	269	3,960	259	2,640	10	1,320	269	3,960	.....		
		81	2,550	28	0	15	360	43	360	38	2,190	
	I.—ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT—*continued.*											
	NORTHERN DIVISION—*concluded.*											
Thána ...	Road from Pápdi to Gokhirwa ...	6	3,960	3	2,640	.....		3	2,640	3	1,320	
	Kusar Ghát Road	6	0	.....		.....		.....		6	0	
	Road from Bhándup to Agra Road .	0	3,025	.....		.....		.....		0	3,025	
	Road from Bhándup to Vehár ...	2	2,640	.....		.....		.....		2	2,640	
	Road from Malád to Merva ...	3	2,640	.....		3	2,640	3	2,640	.....		
	Road from Govindi to Sion, Trombay.	0	3,100	.....		.....		.....		0	3,100	
	Road from Maroli to Amik-Chembur.	0	960	.....		.....		.....		0	960	
	Khandwati Road	0	2,200	.....		.....		.....		0	2,200	
	Chinchiwali Road	0	1,600	.....		.....		.....		0	1,600	
	Road from Thána to Ghodbandar ...	7	2,640	.....		5	2,640	5	2,640	2	0	
	Total, Thána District ...	109	4,195	31	2,640	24	360	55	3,000	54	1,195	
	TOTAL, NORTHERN DIVISION ...	379	2,875	291	0	34	1,680	325	1,680	54	1,195	
	SOUTHERN DIVISION.											
Belgaum ...	Road from Sunkeshwar to Hukeri...	9	0	9	0	.....		9	0	.....		
	Total, Belgaum District ...	9	0	9	0	.....		9	0	.....		

Dhárwár ...	Dhárwár-Haliyál Road	16	2,640	16	2,640	.....		16	2,640	.....		
	Motebennur-Byádgi Road	3	0	1	0	1	0	2	0	1	0	
	Navalgund-Annigeri Road	11	2,640	11	2,640	.....		11	2,640	.....		
	Dhárwár-Soundatti Road	11	1,320	11	1,320	.....		11	1,320	.....		
	Total, Dhárwár District ...	42	1,320	40	1,320	1	0	41	1,320	1	0	
Bijápur ...	Bágalkot-Hungund Road	27	2,640	9	1,320	4	2,640	13	3,960	13	3,960	
	Guledgud-Katgeri Road	6	2,640	6	2,640	.....		6	2,640	.....		
	Road from Hungund to Ilkal ...	7	3,960	3	0	2	0	5	0	2	3,960	
	Total, Bijápur District ...	41	3,960	18	3,960	6	2,640	25	1,320	16	2,640	
Sátára... ...	Wai-Wathar Road	18	0	.....		8	0	8	0	10	0	
	Total, Sátára District ...	18	0	.....		8	0	8	0	10	0	
Ratnágiri and Kolába.	Uran-Karanja Road	5	0	1	2,640	.....		1	2,640	3	2,640	
	Total, Ratnágiri and Kolába District.	5	0	1	2,640	.....		1	2,640	3	2,640	
	TOTAL, SOUTHERN DIVISION ...	116	0	69	2,640	15	2,640	85	0	31	0	
	CENTRAL DIVISION.											
Poona District	Road from Poona to Singhar ...	13	0	8	0	.....		8	0	5	0	By trench and aloe hedge.
	Road from Poona to Poud	17	2,640	5	2,640	.....		5	2,640	12	0	
	Road from Junnar to Náráyangaon .	9	0	2	2,640	.....		2	2,640	6	2,640	
	Road from Poona to A'landi ...	9	0	4	3,960	.....		4	3,960	4	1,320	
	Portion of road from Lakdipul to join Ganesh Khind road	1	220	1	220	.....		1	220	.....		By boundary stones.
	Total, Poona District ...	49	2,860	21	4,180	.....		21	4,180	27	3,960	
Násik ...	Násik-Trimbak road	17	2,640	2	0	.....		2	0	15	2,640	No outlay has been incurred during the year on demarcation of road boundaries.
	Roads in and about Násik	2	0	0	2,640	.....		0	2,640	1	2,640	
	Shelbari Road	3	0	.....		.....		.....		3	0	
	Total, Násik District ...	22	2,640	2	2,640	.....		2	2,640	20	0	
	Carried over ...	567	3,095	384	4,180	49	4,320	434	3,220	132	5,155	

LOCAL FUND ROADS—*continued.*

Executive Districts.	Names of roads.	Length of road.		Number of miles of roads demarcated.						Number of miles of roads to be demarcated.		Remarks.
				Up to 31st March 1895.		In 1895-96.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	567	3 095	384	4,180	49	4,320	434	3,220	132	5,155	
	I.—ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT—*concluded.*											
	CENTRAL DIVISION.											
Ahmednagar.	Road from Kolhar to Bári ...	65	0	4	0	.....		4	0	61	0	By stones.
	Road from Kopargaon to Signápur...	2	2,640	2	0	.....		2	0	0	2,640	Do.
	Total, Ahmednagar District ...	67	2,640	6	0	.....		6	0	61	2,640	
Khándesh ...	Chálisgaon Station Road ...	0	4,400	0	4,400	.....		0	4,400	.....		
	Chálisgaon Railway-crossing road ...	0	3,800	0	3,800	.....		0	3,800	.....		
	Station road at Pachora ...	0	2,000	0	2,000	.....		0	2,000	.....		
	Sávda-Gátha Road	3	0	1	2,640	1	2,640	3	0	.....		
	Jalgaon-Dharangaon Road ...	19	2,640	12	0	3	2,640	15	2,640	4	0	
	Songir-Nandurbar Road ...	44	3,960	36	0	8	3,960	44	3,960	.....		
	Chálisgaon-Outramghat Road ...	13	1,320	13	1,320	.....		13	1,320	.....		
	Shirpur Branch Road	2	0	.....		2	0	2	0	.....		
	Total, Khándesh District ...	84	2,280	64	3,600	15	3,960	80	2,280	4	0	
	TOTAL, CENTRAL DIVISION ...	223	5,140	94	5,140	15	3,960	110	3,820	113	1,320	
	TOTAL (I) ROADS METALLED, BRIDGED AND DRAINED THROUGHOUT	719	2,735	455	2,500	65	3,000	521	220	198	2,515	

	II.—ROADS METALLED AND DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED.										
	NORTHERN DIVISION.										
Ahmedabad...	Road from Ahmedábád to Dholka up to Mile No. 8	8	0	8	0	.....		8	0	.....	
	Road from Dhandhuka to Ránpur ...	18	0	18	0	.....		18	0	.....	
	Dhandhuka-Gogo Road (British portion)	30	0	30	0	.....		30	0	.....	
	Total, Ahmedabad District ...	56	0	56	0	.....		56	0	.....	
Surat and Broach.	Road from Broach to Jambusar ...	29	0	29	0	.....		29	0	.....	
	Do. Bardoli to Surbhon ...	5	1,320	.....		5	1,320	5	1,320	.....	
	Total, Surat and Broach Districts ...	34	1,320	29	0	5	1,320	34	1,320	.....	
Thána ...	Road from Kalyán to Málsej Ghát...	35	0	35	0	.....		35	0	.....	
	Road from Kalyán to Dhaisar ...	9	0	9	0	.....		9	0	.....	
	Road from Kalwa to Belápur ...	7	0	7	0	.....		7	0	.....	
	Road from Máhim to Váda ...	32	0	29	0	3	0	32	0	.....	
	Road from Bhyndar to Utan ...	6	1,320	4	2,640	1	3,960	6	1,320	.....	
	Road from Bhiwndi to Váda ...	25	2,640	25	2,640	.....		25	2,640	.....	
	Total, Thána District ...	114	3,960	110	0	4	3,960	114	3,960	.....	
	TOTAL, NORTHERN DIVISION ...	205	0	195	0	10	0	205	0	.....	
	TOTAL (II) ROADS METALLED AND DRAINED THROUGHOUT BUT THE LARGE RIVERS NOT BRIDGED	205	0	195	0	10	0	205	0	.....	
	Carried over ...	924	2,735	650	2,500	75	3,000	726	220	198	2,515
	Carried over totals of I and II ...	924	2,735	650	2,500	75	3,000	726	220	198	2,515

LOCAL FUND ROADS—*continued.*

Executive Districts.	Names of roads.	Length of road.	Number of miles of roads demarcated.				Number of miles of roads to be demarcated.		Remarks.
			Up to 31st March 1895.		In 1895-96.		Total.				
		Ms. ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	924 2,735	650	2,500	75	3,000	726	220	198	2,515	
		924 2,735	650	2,500	75	3,000	726	220	198	2,515	
	III.—MURAM ROADS BRIDGED AND DRAINED THROUGHOUT.										
	NORTHERN DIVISION.										
Kaira and Panch Maháls.	Godhra and Khakheria Road, including branch to Godhra Railway Station	24 1,320	24	1,320	.....		24	1,320	.....		
	Kálol and Chámpáner Road ...	9 0	9	0	.....		9	0	.....		
	Chámpáner and Jámbughoda Road (British portion)	9 0	9	0	.....		9	0	.....		
	Total, Kaira and Panch Maháls Districts	42 1,320	42	1,320	.....		42	1,320	.....		
Surat and Broach.	Road from Bulsár to Dharampor ...	15 2,640	15	2,640	.....		15	2,640	.....		
	Road from Bulsár to Párdi *viâ* Pár River	6 2,640	6	2,640	.....		6	2,640	.....		
	Road from Domas-Kentish Junction to Gavier...	4 2,640	4	2,640	.....		4	2,640	.....		

	Road from Chikhli to Bánsda ...	10	2,640	10	2,640	.....		10	2,640	.....	
	Road from Ránder to Olpád ...	8	2,640	8	2,640	.....		8	2,640	.....	
	Road from Surat Railway Station to Varachha	3	2,640	.....		3	2,640	3	2,640	.....	
	Road from Kim to Sahol ...	7	0	7	0	.....		7	0	.....	
	Total, Surat and Broach Districts ...	56	0	52	2,640	3	2,640	56	0	.....	
	TOTAL, NORTHERN DIVISION ..	98	1,320	94	3,960	3	2,640	98	1,320	.....	
	SOUTHERN DIVISION.										
Sátára ...	Malharpeth-Pandharpur road (within the limits of the Sátára District.)	54	0	.....		10	0	10	0	44	0
	Karád-Tásgaon road	35	0	.....		7	0	7	0	28	0
	Total, Sátára District ...	89	0	.....		17	0	17	0	72	0
	TOTAL, SOUTHERN DIVISION ...	89	0	.....		17	0	17	0	72	0
	CENTRAL DIVISION.										
Sholápur ...	Jeur-Karmála road	11	0	11	0	.....		11	0	.....	Demarcated with stones.
	Bársi Station-Pandharpur road ...	31	0	29	0	.....		29	0	2	0 The work has been suspended for want of a Circle Inspector from the Collector's office.
	Pandharpur-Janoni road ...	41	0	.....		.....		.....		41	0
	Total, Sholápur District ...	83	0	40	0	.....		40	0	43	0
Ahmednagar .	Ráhuri Station and branch feeder road.	3	0	3	0	.....		3	0	.....	Gutter and stones. Completed up to 31st March 1894.
	Belvandi feeder road	3	0	.....		3	0	3	0	.....	Completed. Fresh demarcation with stone.
	Total, Ahmednagar District ...	6	0	3	0	3	0	6	0	.....	
Násik ...	Ghoti-Barighát road	13	1,320	2	0	.....		2	0	11	1,320 No outlay has been incurred during the year on the demarcation of road boundaries.
	Total, Násik District ...	13	1,320	2	0	.....		2	0	11	1,320
	TOTAL, CENTRAL DIVISION ...	102	1,320	45	0	3	0	48	0	54	1,320
	TOTAL (III) MURAM ROADS BRIDGED AND DRAINED THROUGHOUT	289	2,640	139	3,960	23	2,640	163	1,320	126	1,320
	Carried over ...	1,214	95	790	1,180	99	360	889	1,540	324	3,835
	Carried over totals of I, II and III...	1,214	95	790	1,180	99	360	889	1,540	324	3,835

LOCAL FUND ROADS—*continued.*

Executive Districts.	Names of roads.	Length of road.	Number of miles of roads demarcated.						Number of miles of roads to be demarcated.		Remarks.
			Up to 31st March 1895.		In 1895-96.		Total.				
		Ms. ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	1214 95	790	1,180	99	360	889	1,540	324	3,835	
		1214 95	790	1,180	99	360	889	1,540	324	3,835	
	IV.—MURAM ROADS DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED.										
	NORTHERN DIVISION.										
Thána ...	Road from Ambadi to Vajreshvari	4 2,640	1	1,053	.....		1	1,053	3	1,587	This road is not constructed but surveyed only and land is not acquired.
	Total, Thána District ...	4 2,640	1	1,053	.....		1	1,053	3	1,587	
Kaira and Panch Maháls.	Godhra and Shera road	14 0	14	0	.....		14	0	.....		
	Udváda and Sunth road	20 0	20	0	.....		20	0	.....		
	Total, Kaira and Panch Maháls District	34 0	34	0	.....		34	0	.....		
	TOTAL, NORTHERN DIVISION ...	38 2,640	35	1,053	.....		35	1,053	3	1,587	
	CENTRAL DIVISION.										
	Road from Talegaon to Railway Station...	1 1,320	0	2,640	.....		0	2,640	0	3,960	By trench and aloe hedge.
	Road from Hadapsar to Nira Bridge (old Sátára road)	38 4,224	12	0	0	3,960	12	3,960	26	264	Aloe hedge.
	Road from Vadgaon to Shikrápur ...	33 0	12	0	.....		12	0	21	0	1 mile by stone and 11 miles by aloe hedge.
	Road from Kárli Railway Station to join Bombay Mail road	1 2,640	.....		.....		.....		1	2,640	
	Road from Pátas to Pátas Railway Station	3 1,320	2	0	.....		2	0	1	1,320	1¼ mile by aloe hedge and ¾ mile by stone on one side.

Poona ...	Road from Bárámati to Khanota ...	21	0	4	4,620	.....		4	4,620	16	660	3. 4,620 miles by aloe hedge and 1 mile by stones.
	Road from Nira Bridge to Sirúr ...	55	3,960	9	0	.....		9	0	46	3,960	By aloe hedge.
	Road from Khed to Pábal	12	0	6	0	.....		6	0	6	0	By trench and prickly-pear and aloe hedge.
	Road from Khed to Bhoregiri ...	31	0	12	0	.....		12	0	19	0	Do. do.
	Road from Junnar to Rájur ...	6	0	2	1,320	.....		2	1,320	3	3,960	By trench and aloe hedge.
	Road from Diksál Railway Station to join Sholápur road ...	1	1,320	1	1,320	.....		1	1,320	.....		1 mile by stones on one side and aloe hedge on the other, and ¼ mile by stones on one side.
	Road from Lonávli to foot of Sakalpathár	3	0	.....		.....		.....		3	0	
	Road from Yevat Railway Station to join the Sholápur road ...	1	1,320	.....		.....		.....		1	1,320	
	Road from Loni to Chandgaon ...	4	0	.....		.....		.....		4	0	
	Road from Chinchwad to Railway Station	1	1,320	.....		.....		.....		1	1,320	
	Road from Loni to Pábal ...	15	0	.....		.....		.....		15	0	
	Road from Indápur to Bárámati ...	31	0	.....		.....		.....		31	0	
	Road from village of Mundva to the proposed station on the G. I. P. line	0	3,692	.....		.....		.....		0	3,692	
	Road from Loni Kalbhar to join Sholápur road	0	412	.....		.....		.....		0	412	
	Road from Muncher to Ambegaon...	18	4,100	16	2,640	.....		16	2,640	2	1,460	By trench and partly prickly-pear hedge and aloe.
	Road from Náráyanpur to Kapurwhol	7	2,692	.....		.....		.....		7	2,692	
	Total, Poona District ...	287	1,920	78	1,980	0	3,960	79	660	208	1,260	
Násik ...	Násik-Dindori and Kalvan road ...	44	0	5	660	.....		5	660	38	4,620	No outlay has been incurred during the year on demarcation of road boundaries. The necessary estimates are under preparation and will be submitted as early as possible.
	Khándesh and Nizám's Frontier road.	82	0	3	1,320	.....		3	1,320	78	3,960	
	Satána-Málegaon road... ...	23	0	4	1,320	.....		4	1,320	18	3,960	
	Násik-Vagheda road	22	0	3	0	.....		3	0	19	0	
	Nánáshighát-Barhe road ...	11	0	1	0	.....		1	0	10	0	
	Harsul-Goldari road	10	0	2	0	.....		2	0	8	0	
	Cheraibári road	1	0	.....		.....		.....		1	0	
	Total, Násik District ...	193	0	18	3,300	.....		18	3,300	174	1,980	
	Carried over ...	1,732	4,655	922	2,233	99	4,320	1,022	1,273	710	3,382	
	Carried over totals of I, II and III ...	1,214	95	790	1,180	99	360	889	1,540	324	3,835	

LOCAL FUND ROADS—*continued.*

Executive Districts.	Names of roads.	Length of road.	Number of miles of roads demarcated.				Number of miles of roads to be demarcated.		Remarks.
			Up to 31st March 1895.		In 1895-96.		Total.				
		Ms. ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	1,214 95	790	1,180	99	360	889	1,540	324	3,835	
		1,732 4,655	922	2,233	99	4,320	1,022	1,273	710	3,382	
	IV.—MURAM ROADS DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED —*continued.*										
	CENTRAL DIVISION—*concluded.*										
Ahmednagar	Road from Ahmednagar to Jámkhed.	20 3,960	.....		20	3,960	20	3,960	.....		Completed. Fresh demarcation with stone boundary.
	Road from Supa to Pimpalgaon Dipa	47 3,960	10	660	0	1,320	10	1,980	37	1,980	Stone.
	Road from Supa to Sárola	8 0	4	2,640	1	1,320	5	3,960	2	1,320	Do.
	Road from Nagar to Takli-Khándeshvar	39 1,320	.....		39	1,320	39	1,320	.....		
	Road from Tisgaon to Páthardi ...	7 1,320	.....		7	1,320	7	1,320	.....		Completed. Fresh demarcation with stone boundary.
	Road from Khadke on Ahmednagar-Toka road to Belápur Station ...	24 4,950	.....		24	4,950	24	4,950	.....		Do.
	Road from Ahmednagar to Shevgaon	40 0	0	875	39	4,405	40	0	.....		Boundary stones completed.
	Road from Kharda to Shrigonda ...	66 0	.....		30	2,640	30	2,640	35	2,640	Fresh demarcation with stone boundary.
	Road from Shendi to Vámbori ...	8 2,640	0	3,960	7	3,960	8	2,640	.....		Boundary stones completed.
	Road from Nevása to Badhegaon *vid* Shevgaon	25 0	.....		25	0	25	0	.....		Completed. Fresh demarcation with stone boundary.
	Road from Raháta to Chitali ...	10 0	5	0	.....		5	0	5	0	Stone.
	Road from Jámkhed to Mohoghát...	5 0	.....		5	0	5	0	.....		Completed. Fresh demarcation with stone boundary.
	Road from Khosepuri to Ismálpur...	12 2,640	12	2,640	.....		12	2,640	.....		Gutter and trench boundary stones completed.

	Road from Loni to Belápur Station	13	4,620	.....		13	4,620	13	4,620	.....		Completed. Fresh demarcation with stone boundary.
	Road from Belápur town to Belápur Railway Station	4	0	4	0	.....		4	0	.....		Gutter and trench boundary stones completed.
	Shrigonda-Vadgaon Road *vid* Pimpri Railway Station	7	0	6	2,640	.....		6	2,640	0	2,640	Gutter.
	Road from Karjat to Chincholi ...	6	2,640	2	2,640	.....		2	2,640	4	0	Gutter.
	Road from Párner to Chincholi ...	5	0	3	2,640	.....		3	2,640	1	2,640	Stone.
	Road from Párner to Jámgaon Tákli *vid* Jámgaon	12	0	1	3,960	5	1,320	7	0	5	0	Stone.
	Shrigonda-Kashti Road ...	8	0	8	0	.....		8	0	.....		Completed up to 31st March 1893.
	Road from Arangaon to Walki ...	5	0	4	3,960	.....		4	3,960	0	1,320	Stone.
	Total, Ahmednagar District ...	376	1,650	64	215	220	4,735	284	4,950	91	1,980	
	Cross-road at Erandol	1	2,640	1	2,640	.....		1	2,640	.....		
	Bhadgaon-Talvada road ...	9	0	9	0	.....		9	0	.....		
	Mahiji Station Road	2	2,640	2	2,640	.....		2	2,640	.....		
	Mhásvad-Dhulia Road	46	0	31	1,320	7	3,960	39	0	7	0	
	Erandol-Dharangaon-Chopda Road.	18	1,320	6	3,960	.....		6	3,960	11	2,640	
	Kajgaon-Párola Road	22	660	20	0	.....		20	0	2	660	
	Dondaicha-Sháháda Road ...	17	0	15	3,960	1	1,320	17	0	.....		
	Páchora-Bhadgaon Road ...	8	1,980	8	1,980	.....		8	1,980	.....		
	Junction road at Bhadgaon ...	1	1,320	1	1,320	.....		1	1,320	.....		
	Dhulia-Amalner Road	18	1,320	18	1,320	.....		18	1,320	.....		
	Jalgaon-Jámner Road	22	1,320	13	0	9	1,320	22	1,320	.....		
	Nasirábád-Bhadli Road ..	1	2,640	1	0	0	2,640	1	2,640	.....		
Khándesh ...	Bhusával-Yával Road	10	0	8	0	2	0	10	0	.....		
	Bhusával-Sakegaon Road ...	3	3,960	2	3,960	1	0	3	3,960	.....		
	Sákri-Pimpalner Road	13	2,640	10	2,640	2	0	12	2,640	1	0	
	Station road at Dhulia	9	0	.....		.....		.....		9	0	
	Bhusával-Jalgaon Road, 2nd section from Sakegaon to Jalgaon ...	6	1,320	.....		6	1,320	6	1,320	.....		
	North approach to the river Tápti at Nimgaon	0	2,640	.....		0	2,640	0	2,640	.....		
	South do. do. at Sawkheda	0	2,640	.....		0	2,640	0	2,640	.....		
	Nimgaon-Chopda Road ...	8	2,640	.....		.....		.....		8	2,640	Under construction.
	Amalner-Tápti Road	12	3,960	.....		.....		.....		12	3,960	Under construction.
	Total, Khándesh District ...	232	3,960	149	4,620	31	0	180	4,620	51	4,620	
	TOTAL, CENTRAL DIVISION ...	1,089	2,250	130	4,835	252	3,415	563	2,970	525	4,560	
	Carried over ...	2,341	4,985	1,136	1,788	351	3,775	1,488	283	853	4,702	
	Carried over totals of I, II, and III ...	1,214	95	790	1,180	99	360	889	1,540	324	3,835	

LOCAL FUND ROADS—*continued.*

Executive Districts.	Names of roads.	Length of roads.		Number of miles of roads demarcated.						Number of miles of roads to be demarcated.		Remarks.
				Up to 31st March 1895.		In 1895-96.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	1,214	95	790	1,180	99	360	889	1,540	324	3,835	
		2,341	4,985	1,136	1,788	351	3,775	1,488	283	853	4,702	
	IV.—MURAM ROADS DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED —*concluded.*											
	SOUTHERN DIVISION.											
Belgaum ...	Road from Hukedi to Gokák ...	18	2,640	18	2,640	.....		18	2,640	.....		
	Road from Nipáni to Mahalingpur...	36	0	.....		36	0	36	0	.....		
	Road from Gokak to Navalgund ...	45	0	.....		45	0	45	0	.....		
	Road from Athni to Kagwad ...	24	0	.....		24	0	24	0	.....		
	Road from Gotur to Tasgaon ...	47	0	.....		47	0	47	0	.....		
	Road from Saundatti to Dhárwár ...	10	0	.....		10	0	10	0	.....		
	Road from Manoli to Saundatti ...	6	1,320	.....		6	1,320	6	1,320	.....		
	Total Belgaum District ...	186	3,960	18	2,640	168	1,320	186	3,960	.....		
Bijápur ...	Bijápur-Sindgi Road	35	2,640	9	2,640	7	2,640	17	0	18	2,640	
	Road from Indi to Indi Road Station	3	1,760	3	1,760	.....		3	1,760	.....		
	Sholápur-Belláry Road— Portion from Indi to Tambe ...	13	0	3	0	3	0	6	0	7	0	Only 13 miles of the road from Indi to Tambe, is in charge of this Department. Demarcation by ½ furlong and intermediate stones have been completed.
	Almel-Pandharpur Road	48	0	1	2,640	1	1,320	2	3,960	45	1,320	Demarcation of 2¾ miles has been completed by ½ furlong and intermediate stones.

	Mudebihál-Chimalgi Road	.....		.....		5	2,640	5	2,640	14	0	The 17 miles shown in last year's statement were demarcated by furlong stones and gutters. Intermediate stones are now being substituted for the latter and 5½ miles have been so completed.
	Road from Karur to Katgeri ...	9	0	9	0	.....		9	0	.....		
	Road from Bijápur to Indi	29	3,000	2	2,640	1	4,620	4	1,980	25	1,020	
	Bijápur-Bágevadi Road	25	2,640	.....		7	0	7	0	18	2,640	
	Total, Bijápur District ...	183	2,120	28	4,400	26	660	54	5,060	128	2,340	
Dhárwár ...	Masur-Mundargi Road	47	600	21	1,320	22	660	43	1,980	3	3,960	
	Pála-Bádámi Road	78	1,980	49	2,660	6	3,280	56	660	22	1,320	
	Tadas-Gundi Road	34	3,960	10	660	8	0	18	660	16	3,300	
	Harihar-Samasgi Road	51	1,980	22	0	16	1,980	38	1,980	13	0	
	Byádgi-Havasbhávi Road	10	3,960	10	3,960	.....		10	3,960	.....		
	Dhárwár-Tadas Road	27	600	5	2,640	8	1,980	13	4,620	13	1,320	
	Navalgund-Ron Road	28	0	6	0	22	0	28	0	.....		
	Total, Dhárwár District ...	277	2,640	125	680	83	2,620	208	3,300	68	4,620	
Ratnágiri and Kolába.	Road from Alibág to Rewas ..	15	0	15	0	.....		15	0	.....		
	Road from Pen to Kharpada ...	7	0	7	0	.....		7	0	.....		
	Road over Mutholi Khind Section of Indapur-Tale Road	2	1,655	0	2,375	.....		0	2,375	1	4,560	
	Pen-Panvel Road Section from Dasinford to Kalhekind	3	2,640	.....		3	2,640	3	2,640	.....		
	Road from Saloo to Korlai	2	1,760	0	2,640	1	0	1	2,640	0	4,400	
	Road from Alibág to Revadanda (Portion from Sakkar to Revadanda)	8	3,960	1	3,960	2	0	3	3,960	5	0	
	Road from Guhagar to Chikhali ...	8	0	.....		8	0	8	0	.....		
	Total, Ratnágiri and Kolába Districts.	46	4,735	24	3,695	14	2,640	39	1,055	7	3,680	
	TOTAL, SOUTHERN DIVISION ...	694	2,895	197	855	292	1,960	489	2,815	205	80	
	TOTAL (IV) MURAM ROADS DRAINED THROUGHOUT, BUT THE LARGE RIVERS NOT BRIDGED	1,822	2,505	543	1,463	545	95	1,088	1,558	734	947	
	Carried over ...	3,036	2,600	1,333	2,643	644	455	1,977	3,098	1,058	4,787	
	Carried over, Totals of I, II, III and IV ...	3,036	2,600	1,333	2,643	644	455	1,977	3,098	1,058	4,787	

LOCAL FUND ROADS—*concluded.*

Executive Districts.	Names of roads.	Length of roads.		Number of miles of roads demarcated.						Number of miles of roads to be demarcated.		Remarks.
				Up to 31st March 1894.		In 1894-95.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	3,036	2,600	1,333	2,643	644	455	1,977	3,098	1,058	4,782	
		3,036	2,600	1,333	2,643	644	455	1,977	3,098	1,058	4,782	
	V.—VILLAGE OR CLEARED ROADS.											
	Northern Division.											
Kaira and Panch Maháls.	Godhra and Páli Road	16	0	16	0	.....		16	0	.....		
	Páli and Bálásinor Road	8	1,320	8	1,320	.....		8	1,320	.....		Demarcated by the Survey Department.
	Total, Kaira and Panch Maháls Districts	24	1,320	24	1,320	.....		24	1,320	.....		
	Total, Northern Division ...	24	1,320	24	1,320	.....		24	1,320	.....		
	Central Division.											
Poona District	Road from foot of Sákalpáthár to Bhorkus	8	2,640	.....		.....		.....		8	2,640	For Repairs.
	Road from Bhorgiri to Bhimashankar	4	2,246	.....		.....		.....		4	2,246	
	Total, Poona District ...	12	4,886	.....		.....		.....		12	4,886	
Ahmednagar ...	Road from Thugaon to Kotul ...	11	0	2	0	.....		2	0	9	0	Stone.
	Total, Ahmednagar District ...	11	0	2	0	.....		2	0	9	0	
	Total, Central Division ...	23	4,886	2	0	.....		2	0	21	4,886	
	TOTAL (V) VILLAGE OR CLEARED ROADS	48	926	26	1,320	.....		26	1,320	21	4,886	
	GRAND TOTAL, LOCAL FUND ROADS	3,084	3,526	1,359	3,963	644	455	2,003	4,418	1,080	4,388	
	TOTAL OF I, II, III, IV and V ...	3,084	3,526	1,359	3,963	644	455	2,003	4,418	1,080	4,388	

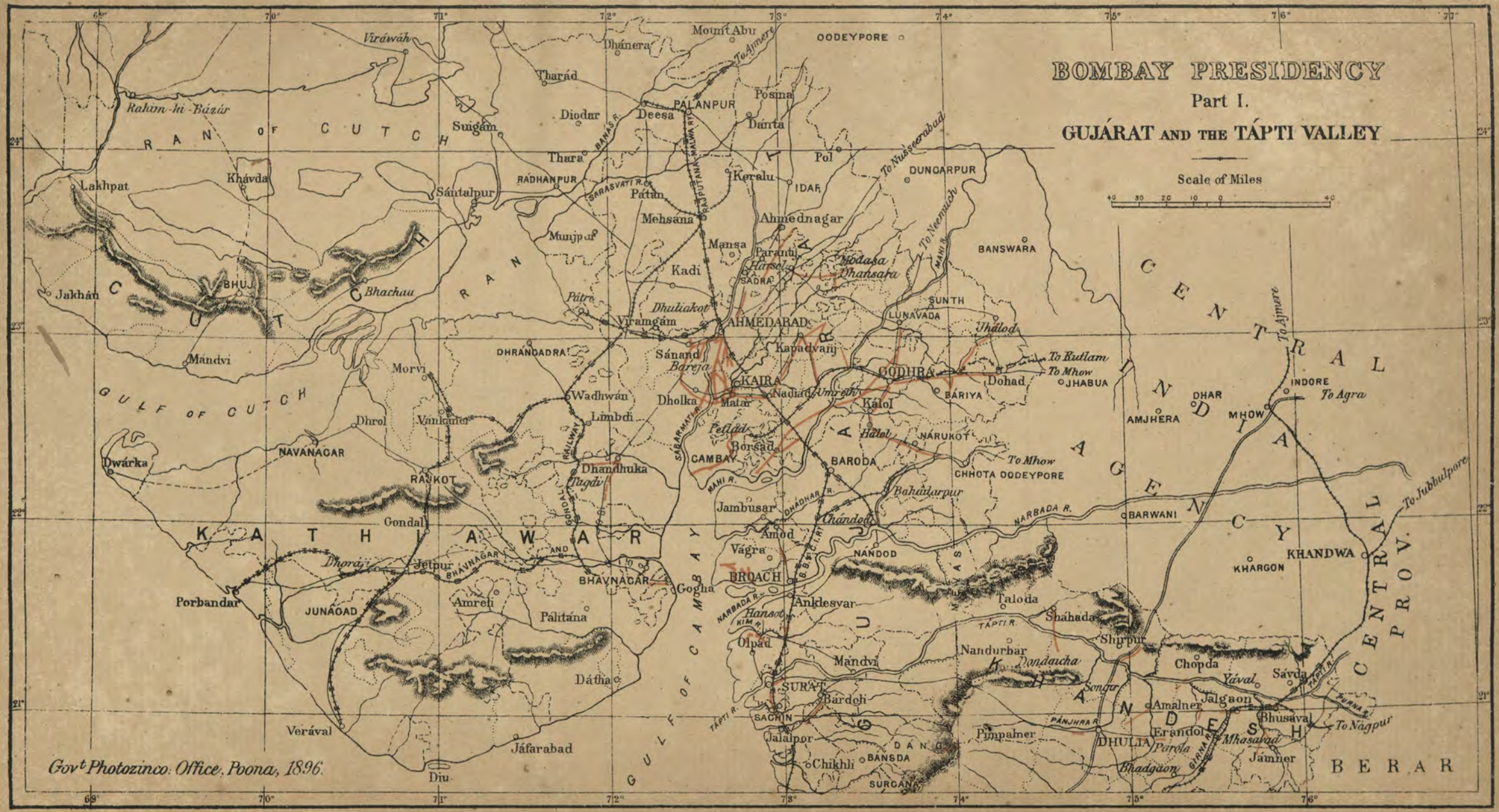
APPENDIX F.

ROAD MAP

(IN 3 SHEETS), SHOWING THE PRINCIPAL LINES OF ROAD IN PROGRESS

DURING THE YEAR

1895-96.


BOMBAY PRESIDENCY
Part I.
GUJÁRAT AND THE TÁPTI VALLEY
Scale of Miles
40 30 20 10 0 40
RAN OF CUTCH
KATHIAWAR
GULF OF CUTCH
GULF OF CAMBAY
CENTRAL INDIA AGENCY
CENTRAL PROV.
BERAR
KHANDESH
Viráwáh
Rahun-ki-Bázár
Lakhpat
Khávda
Suigam
Santalpur
Thara
Tharád
Dhánera
Mount Abu
OODEYPORE
Diodar
Deesa
PALANPUR
Posina
Danta
Pol
DUNGARPUR
Keralu
IDAR
RADHANPUR
Patan
Mehsana
Ahmednagar
Munjpur
Mansa
Parantij
Harsol
Modasa
Dhansara
SADRA
BANSWARA
Kadi
Jakhán
BHUJ
Bhachau
Pátri
Dhuliakot
Viramgám
AHMEDABAD
SUNTH
LUNAVADA
Jhálod
Mándvi
DHRANDADRA
Sánand
Bareja
Kapadvanj
GODHRA
Dohad
To Ratlam
To Mhow
JHABUA
Morvi
KAIRA
Nadiad
Umreth
BÁRIYA
INDORE
To Agra
Wadhwán
Dholka
Matar
Kálol
DHAR
AMJHERA
MHOW
Dhrol
Vankaner
Limbdi
Petlad
Halol
NÁRUKOT
Dwárka
NAVANAGAR
Borsad
CAMBAY
BARODA
To Mhow
CHHOTA OODEYPORE
RÁJKOT
Dhandhuka
Jagdi
Bahádarpur
Jambusar
Chándod
BARWANI
Gondal
Amod
Vágra
NÁNDOD
KHARGON
KHANDWA
Dhoraji
Jetpur
BHÁVNAGAR
BROACH
Anklesvar
Taloda
Shahada
Porbandar
JUNAGAD
Amreli
Gogha
Hansot
Palitána
Olpad
Nandurbar
Shirpur
Mándvi
Dondaicha
Chopda
Sávda
Yával
SURAT
Songir
Bardoli
Jalgaon
Amalner
Bhusaval
To Nagpur
Verával
SACHIN
Pimpalner
Erandol
DHULIA
Párola
Bhadgaon
Mhasawad
Jamner
Jáfarabad
Jalalpor
DANG
Chikhli
BANSDA
SURGANA
Diu
To Ajmere
To Nusseerabad
To Neemuch
To Jubbulpore
To Bombay
To Nasik
To Surat
To Broach
To Baroda
To Ahmedabad
To Deesa
To Palanpur
To Radhanpur
To Bhuj
To Mándvi
To Jetpur
To Dhoraji
To Porbandar
To Verával
To Jáfarabad
To Diu
To Gogha
To Bhávnagar
To Dhandhuka
To Limbdi
To Wadhwán
To Morvi
To Dwárka
To Jakhán
To Lakhpat
To Khávda
To Suigam
To Tharád
To Dhánera
To Viráwáh
To Rahun-ki-Bázár
To Sántalpur
To Patan
To Mehsana
To Munjpur
To Kadi
To Pátri
To Dhuliakot
To Viramgám
To Sánand
To Bareja
To Kapadvanj
To Nadiad
To Umreth
To Matar
To Dholka
To Kairá
To Godhra
To Dohad
To Bárya
To Kálol
To Halol
To Petlad
To Borsad
To Cambay
To Chándod
To Bahádarpur
To Jambusar
To Amod
To Vágra
To Nándod
To Broach
To Anklesvar
To Hansot
To Olpad
To Mándvi
To Surat
To Bardoli
To Sachin
To Jalalpor
To Chikhli
To Bansda
To Surgana
To Nandurbar
To Taloda
To Shahada
To Shirpur
To Dondaicha
To Songir
To Chopda
To Yával
To Sávda
To Jalgaon
To Amalner
To Bhusaval
To Pimpalner
To Erandol
To Dhulia
To Párola
To Bhadgaon
To Mhasawad
To Jamner
To Khandwa
To Khargon
To Barwani
To Chhota Oodeypore
To Amjhera
To Dhar
To Indore
To Mhow
To Jhabua
To Sunth
To Lunavada
To Jhálod
To Banswara
To Dungarpur
To Idar
To Palanpur
To Deesa
To Radhanpur
To Patan
To Mehsana
To Ahmednagar
To Parantij
To Modasa
To Dhansara
To Sadra
To Ahmedabad
To Godhra
To Kairá
To Baroda
To Cambay
To Broach
To Surat
To Nasik
To Bombay
To Jubbulpore
To Nagpur
To Berar
To Ajmere
To Nusseerabad
To Neemuch
To Agra
To Indore
To Mhow
To Jhabua
To Ratlam
To Oodeypore
To Chhota Oodeypore
To Barwani
To Khandwa
To Khargon
To Amjhera
To Dhar

BOMBAY PRESIDENCY
Part II
THE DECCAN, KONKAN AND KARNATIC
Scale of Miles
Gov^t Photozinco. Office. Poona, 1896.
BOMBAY
THANA
ALIBAG
MURUD
JANJIRA
RATNÁGIRI
SATARA
POONA
AHMEDNAGAR
NASIK
DHULIA
SURGANA
DHARAMPOR
DAMAN
BANSDA
JAWHAR
BHOR
PHALTAN
SHOLAPUR
AURANGABAD
BIJAPUR
KOLHAPUR
BELGAUM
DHARWAR
KÁRWÁR
PANJIM
Goa
MADRAS PRESY.
MAISUR
BERAR
KHANDESH
GUJARAT
SACHIN
Pimpalner
Bhusával
Jánmer
Páchora
Satána
Málegaon
Bhadgaon
Ajanta
Chalisgaon
Chándor
Nándgaon
Yeola
Niphad
Kopargaon
Sinnar
Igatpuri
Sangamner
Nevása
Ráhuri
Shevgaon
Jámkhed
Kharda
Shrigonda
Karjat
Karmála
Bársi
Indápur
Madha
Malsiras
Dahivadi
Pandharpur
Akalkot
Mangalvedha
Sángola
Atpadi
Vita
Tásgaon
Jath
Indi
Sindgi
Athni
Bágevádi
Jámkhandi
Mudhol
Bágalkot
Kolhápur
Kurundvád
Ichalkaranji
Hungund
Badámi
Gokak
Chikodi
Nipani
Sampgaon
Navalgund
Ron
Gadag
Hubli
Annigeri
Shirhatti
Dámbal
Kundgol
Lakshmeshvar
Savanur
Karajgi
Hangal
Ránebennur
Sirsi
Yellápur
Kalghatgi
Halyál
Supa
Margão
Anikola
Kumta
Honávar
Siddápur
Telguppa
Gersappa
Bhatkal
Hirekerur
To Bellari
To Bangalore
To Hyderabad
To Madras
Mormugão
Vengurla
Devgad
Rájápur
Devrúk
Chiplun
Guhagar
Anjanvel
Jaygad
Harnai
Bankot
Dápoli
Khed
Mahad
Roha
Mángaon
Sásvad
Supa
Pen
Panvel
Kalyan
Bhiwndi
Bassein
Shahápur
Vada
Máhum
Dahánu
Tárápur
Umbargaon
Pardi
Chikhli
Bulsar
Sachin
Ajanta
Godávari R.
Bhima R.
Krishna R.
Tungabhadra R.
Malprabha R.
Ghatprabha R.
Panchganga R.
Vedganga R.
Nira River
Kánhan R.
Vaitarna R.
Ulhas R.
Tansa R.
Surya R.
Damanganga R.
Purna R.
Tapti R.
Narmada R.
Western Ghats
Sahyadri Mts.
Satpura Range
Vindhya Range
Bombay Harbour
Salsette
Trombay
Elephanta
Karanja
Uran
Panvel
Bhavargiri
Ambegaon
Ghodbandar Road
Vadgaon
Talegaon Dhamdhere
Yerravda
Lonavla
Pátas
Baramati
Vir
Malharpur
Rahimatpur
Kaindh
Patan
Karad
Sangameshvar
Shirala
Ashta
Sangli
Miraj
Kagvad
Kurundvad
Nipani
Chikodi
Mahingpur
Ghatprabha R.
Kerur
Ramdurg
Torgal
Bail Hongal
Bágevádi
Khánápur
Supa
Halyál
Kalghatgi
Shiggaon
Yellápur
Kalinadi R.
Honávar
Gersappa
Hirekerur
Ránebennur
Haveri
Hangal
Karajgi
Savanur
Lakshmeshvar
Kundgol
Shirhatti
Gadag
Annigeri
Hubli
Navalgund
Ron
Badámi
Hungund
Ilkal
Bágalkot
Kolhápur
Ichalkaranji
Kurundvad
Jamkhandi
Muddebihal
Indi
Sindgi
Wagadari
Honur
Akalkot
Shorapur
Mangalvedha
Sángola
Atpadi
Vita
Tásgaon
Jath
Miraj
Sangli

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on 11 July, 2017

BOMBAY PRESIDENCY
Part III
SIND AND CUTCH
Scale of Miles
Govt Photozinco. Office, Poona, 1896.
SIND
PANJAB
RAJPUTANA
GANDAVA
JACOBABAD
From Gandava
From Sibi via Bhitanni
To Dadar
BEGÁRI CANAL
SHIKARPUR
Thul
Kashmor
To Mittenkot
INDUS R.
Ubauro
To Sabzalkot
To Peshawar
Chotki
Mirpur
Shahdádpur
Garhi Yásin
Rato-dero
Sukkur
Rohri
Kambar
Chandr-dero
Larkhana
KHAIRPUR
Warah
Bákrani
Mehar
WESTERN NARA
Tharári
Khairpur Náthesháh
Kandiáro
To Jeysulmere
JEYSULMERE
Dádu
Naushahro
Johi
Moro
E. NÁRA R.
Sehwan
Sakrand
Sánghar
To Jeysulmere
Ránáru
Mánjhand
Hála
Shahdádpur
Khipra
MITHRÁU CANAL
To Kánpore
Mirpur Khás
Gadra
Tando Alahyar
Tando Bula Khan
Kotri
HYDERABAD
UMARKOT
N. W. RY.
NÁRA R.
To Sonmiani
Tando Muhammad Khán
Jerruck
Dighri
Nára
Cháchra
KARACHI
Bágo Tando
Mitti
Islamkot
Mirpur Batoro
Tatta
Badin
Viráwah
Sujáwal
Mirpur Sakro
Dipla
INDUS R.
Moghul Bhin
Nagar Parkar
Rahim-ki-Bázár
Suigám
MOUTHS OF THE RIVER INDUS
Shahbandar
Keti Bandar
RAN OF CUTCH
Basta Bandar
Khávda
Gadra
Jatáváda
Lakhpat
Luna
Náráyan Sároyar
Ádesar
KHORI R.
Nakhatrána
Bhachau
Naliya
BHUJ
Paddhar
Jakháu
Anjár
Rápur
Sábrái
Vira
Mándvi
Mundra
Morvi
GULF OF CUTCH
Vankáner
Dhrol
NAVÁNAGAR
Dwárka
RÁJKOT
Gondal
Dhoráji
Jetpur
Porbandar
JUNAGAD